Sales Guide

MP 2001
MP 2001L/MP 2501L
MP 2001SP/MP 2501SP

Digital B&W Multi Function Printers

☑ Copier ☑ Printer ☑ Facsimile ☑ Scanner

MP 2001	MP 2001L	MP 2501L	MP 2001SP	MP 2501SP
20 ppm B/W	20 ppm B/W	25 ppm B/W	20 ppm B/W	25 ppm B/W

Contents

1. Introduction Page 5
2. Quick Overview Page 6
3. Product Positioning Page 10
4. Comparison with Predecessor Page 11
5. Configuration Page 13
6. Target Markets Page 18
7. Market Potential Page 20
8. Key Selling Points Page 21
    - 8.1 Affordable Page 22
    - 8.2 Easy to Use Page 25
    - 8.3 Workflow Solutions Page 28
9. Service and Consumables Page 30
10. Specifications Page 31
11. EDP Codes Page 36
12. Competition Page 39

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1. Introduction

Ricoh is proud to introduce a new family of black-and-white multifunctional products (MFPs). Designed to meet the document imaging needs of medium-sized workgroups, the Aficio MP 2001/2501 family includes five MFPs which provide a choice of functionality, performance and price. Entry-level budget priced versions of the product will meet the needs of financially stretched customers, whilst advanced high-end versions of the product can be offered as workflow solutions.

Aficio MP 2001 is a budget priced entry-level product. Designed for customers requiring just copier functionality, Aficio MP 2001 is a simplex A3/A4 photocopier which runs at a speed of 20 A4 pages a minute. The standard paper capacity of 350 sheets (250 sheet paper tray and 100 sheet active bypass) can be expanded to 1350 sheets. An ARDF is offered as an option.

Also positioned as budget priced solutions, Aficio MP 2001L and MP 2501L are genuine multifunctional products which provide the means to print and copy in black-and-white and scan in full colour. Aficio MP 2001L runs at a speed of 20 A4 ppm and Aficio MP 2501L, at a speed of 25 A4 ppm. Both machines are equipped with a duplex. Aficio MP 2001L and MP 2501L are GDI printers with TWAIN scanning functionality.

Aficio MP 2001SP and MP 2501SP are advanced workflow solutions which incorporate Ricoh's Next Generation Controller architecture. PCL print and advanced scan-to functionality replaces the basic GDI printing and TWAIN scanning functionality of the entry-level products. Fax is offered as an option. Aficio MP 2001SP and MP 2501SP are solution enabled platforms which provide the means to automate document processes, establish governance over workflows and enhance data security.

Aficio MP 2001SP and MP 2501SP have a colour touchscreen interface and share the same intuitive operating system as Ricoh's other advanced multifunctional products. Simple one-click PCL and optional PS3 print drivers make Aficio MP 2001SP and MP 2501SP easy to use. A USB/SD card reader located to the side of the control panel improves access by enabling users to scan to, and print from, flashcard memory.

Utilising Ricoh's Next Generation Controller architecture, Aficio MP 2001SP and MP 2501SP interact intelligently with users. Intelligent workflow features include the ability to scan and distribute colour documents, password protect confidential documents and lock them in memory, add mandatory security information to printed documents and run a variety of optional workflow solutions, such as Streamline NX.

This guide explores the functionality of the new products in more detail, explaining new features and identifying key selling points. It also provides side-by-side comparisons with competitor engines.

2. Quick Overview

What are they and what do they do?

Ricoh's Aficio MP 2001/2501 series comprises five A3 black-and-white MFPs. Aficio MP 2001 is a low cost digital photocopier. Aficio MP 2001L and MP 2501L are budget priced MFPs which incorporate GDI printing and colour scanning. Aficio MP 2001SP and MP 2501SP are advanced workflow solutions which feature Ricoh's intelligent Next Generation controller and provide PCL printing.

The main specifications are:

	Aficio MP 2001	Aficio MP 2001L	Aficio MP 2501L	Aficio MP 2001SP	Aficio MP 2501SP
Functionality	B&W copier	B&W copier B&W printer Colour scanner		B&W copier B&W printer Colour scanner Fax (option) Document Server (option)	
Controller	None	GDI		Next Generation (GWNX)	
PDL	None	GDI		PCL (PS option)	
Interface	None	Ethernet (option)		Ethernet (standard)	
Duplex	None	Standard		Standard	
Paper formats	A6 to A3	A6 to A3		A6 to A3	
Print speed	20 (A4) ppm	20 (A4) ppm	25 (A4) ppm	20 (A4) ppm	25 (A4) ppm
First page	6.5 sec	6.5 sec		5.5 sec	
Std Paper Capacity	350 (1 x 250 + 100)	350 (1 x 250 + 100)	600 (2 x 250 + 100)	350 (1 x 250 + 100)	600 (2 x 250 + 100)
Max Paper Capacity	1350 (+ 2 x 500)	1350 (+ 2 x 500)	1600 (+ 2 x 500)	1350 (+ 2 x 500)	1600 (+ 2 x 500)

What do they replace and why?

The new MFPs replace Aficio MP 1600 and MP 2000. The new models are 25% more productive (20/25ppm vs 16/20ppm), offer better functionality (such as colour scanning and duplex printing) and solution capability (Aficio MP 2001SP and MP 2501SP incorporate Ricoh's intelligent Next Generation controller and offer the same advanced functionality as high end models).

With a choice of five models, it is easier to match specifications to need and budget. Aficio MP 2001, Aficio MP 2001L and Aficio MP 2501L are budget priced solutions which meet the basic requirements. Aficio MP 2001SP and MP 2501SP are advanced workflow solutions which can be installed as part of managed fleet.

Key selling points include:

Aficio MP 2001, MP 2001L and MP 2501L

- Budget priced solutions
- A4 and A3 paper formats
- 20/25 ppm productivity
- Single and double-sided printing*
- Colour scanning*
- Simple intuitive print interface*
- Option to add a document feed
- Option to extend paper supply

*1 Aficio MP 2001L and MP 2501L only

Aficio MP 2001SP and MP 2501SP

- Advanced workflow solutions
- A4 and A3 paper formats
- 20/25 ppm productivity
- Single and double-sided printing
- Colour scan-to functionality
- Optional fax
- Industry standard PCL/PS3 drivers (PS3 is an option)
- USB/SD card printing and scanning*1
- Colour touchscreen operation panel
- Manage and set print quotas
- Password protect and lock print*1
- Add mandatory security information*1
- Saved documents as digitally signed PDFs
- Run optional embedded workflow solutions*2

*1 Requires optional HDD
*2 Requires optional HDD and VM card

How are they configured and what options are there?

Aficio MP 2001

Aficio MP 2001 is a digital copier. There is no upgrade path to add print, scan or fax functionality. Aficio MP 2001 is equipped with a single 250 sheet paper tray and a 100 sheet active bypass. There is no duplex or duplex option. There are options to add a platen cover or ARDF and a 1 or 2 x 500 sheet paper tray. With the 2 x 500 sheet paper tray fitted, the paper capacity can be expanded to 1350 sheets.

Standard Configuration:

- 20 ppm digital copier
- A6 to A3 paper formats
- 250 sheet paper tray
- 100 sheet active bypass
- 250 sheet internal catch tray
- Control panel with four line LCD

Options include:

- Platen cover or ARDF
- 1 x 500 sheet paper tray, or
- 2 x 500 sheet paper tray

Aficio MP 2001L and MP 2501L

Aficio MP 2001L and MP 2501L are budget priced MFPs. Aficio MP 2001L runs at a speed of 20 ppm and is equipped with a duplex, a single 250 sheet paper tray and a 100 sheet active bypass. Aficio MP 2501L runs at a speed of 25 ppm and is equipped with a duplex, two 250 sheet paper trays and a 100 sheet active bypass. Both models are configured ready to print, copy and scan.

Standard Configuration:

- 20 or 25 ppm multifunctional product
- GDI print driver
- Colour TWAIN scanning
- A6 to A3 paper formats
- 250 sheet paper tray (Aficio MP 2001L) /
- 2 x 250 sheet paper tray (Aficio MP 2501L)
- 100 sheet active bypass
- Duplex
- 250 sheet internal catch tray
- Control panel with four line LCD

Options include:

- Platen cover or ARDF
- 1 x 500 sheet paper tray, or
- 2 x 500 sheet paper tray
- Ethernet interface

Aficio MP 2001SP and MP 2501SP

Aficio MP 2001SP and MP 2501SP are advanced MFPs. They share the same basic configuration (speed, paper supply and duplex) as Aficio MP 2001L and MP 2501L but incorporate Ricoh's Next Generation controller architecture and feature a colour touchscreen operation panel. Aficio MP 2001SP and MP 2501SP are network ready and configured ready to print, copy and scan.

Standard Configuration:

- 20 or 25 ppm multifunctional product
- Ethernet interface
- PCL print driver
- Colour scan-to functionality
- A6 to A3 paper formats
- 250 sheet paper tray (Aficio MP 2001SP) /
- 2 x 250 sheet paper tray (Aficio MP 2501SP)
- 100 sheet active bypass
- Duplex
- 250 sheet internal catch tray
- Colour touchscreen operation panel

Options include:

- Platen cover or ARDF
- ADF handle
- 1 x 500 sheet paper tray, or
- 2 x 500 sheet paper tray
- One bin tray
- Fax
- Remote fax
- PostScript 3
- Wireless, bluetooth or parallel interface
- Hard disk drive
- VM card
- SD for NetWare printing
- Browser unit
- File format converter

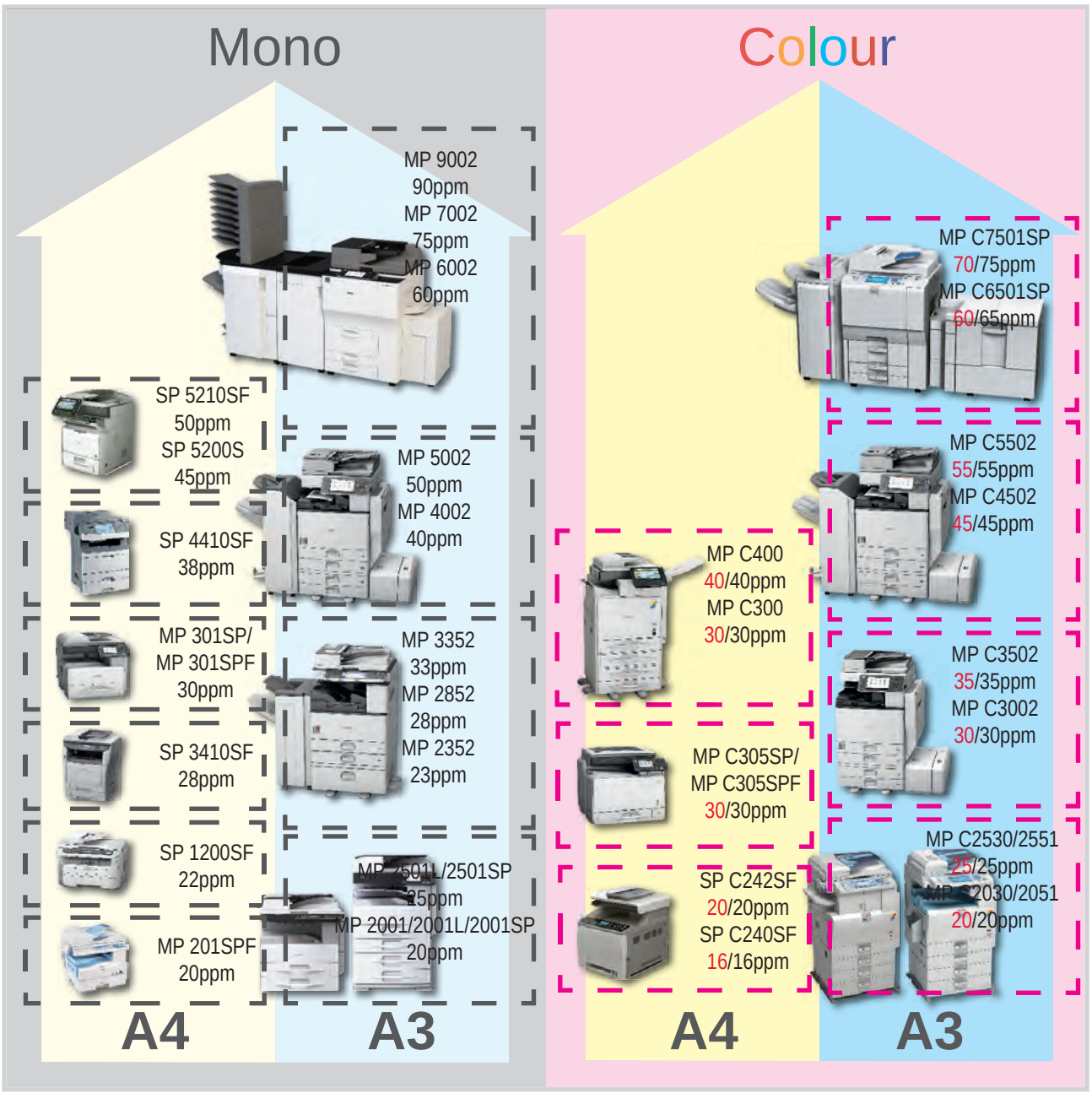
Target volumes and reliability

	MP 2001	MP 2001L	MP 2501L	MP 2001SP	MP 2501SP
Average Monthly Volume	3,000	3,500	4,000	3,500	4,000
Maximum Monthly Volume (5yr life)	10,000				
Monthly Duty Cycle	30,000				
PM Cycle	60,000				
MCBC	27,300				
Life	600,000 prints or 5 years, whichever comes first				

3. Product Positioning

- **Black-and-white MFPs**
- **Colour scanning**
- **20 or 25 ppm throughput**
- **A4 and A3 paper formats**
- **Budget priced versions** (Aficio MP 2001, MP 2001L and MP 2501L)
- **Solution enabled versions** (Aficio MP 2001SP and MP 2501SP)

Within Ricoh's office mono and colour MFP range:



4. Comparison with Predecessor

- **25% more productive**
- **Colour scanning and duplex printing** (all models except Aficio MP 2001)
- **Low cost budget priced models** (Aficio MP 2001, MP 2001L and MP 2501L)
- **Advanced solution enabled models** (Aficio MP 2001SP and MP 2501SP)
- **Next Generation Controller architecture** (Aficio MP 2001SP and MP 2501SP)
- **Colour touchscreen operation** (Aficio MP 2001SP and MP 2501SP)

The new MFPs replace Aficio MP 1600 and MP 2000 in Ricoh's A3 black-and-white multifunctional product range. With five models, there is a wider choice of price, performance and functionality. The new MFPs are more productive than their predecessors and offer better functionality (such as colour scanning and double sided printing). Entry-level products (Aficio MP 2001, MP 2001L and MP 2501L) have lower price points. Advanced models (Aficio MP 2001SP and MP 2501SP) feature Ricoh's Next Generation controller architecture and are solution enabled.

The main advantages over Aficio MP 1600 and MP 2000 are described below.

More Affordable

With a choice of five models, it is easier to match specifications to need and budget. Aficio MP 2001 is a budget priced copier. Aficio MP 2001L and MP 2501L are budget priced MFPs which offer black-and-white print and colour scanning facilities. Aficio MP 2001SP and MP 2501SP are advanced multifunctional products which are capable of running workflow solutions.

More Productive

Printing at a speed of 20 or 25 pages a minute, the new MFPs are 25% more productive than their predecessors. Aficio MP 2001, MP 2001L and MP 2001SP will print 1200 pages an hour and Aficio MP 2501L and MP 2501SP, 1500 pages an hour. To maintain productivity, one-off copies are produced more quickly too. Aficio MP 2001SP and MP 2501SP deliver their first page in 5.5 seconds.

More Versatile

The base functionality of the new products has been improved. Print and scan functionality, an option for Aficio MP 1600 and MP 2000, is included as standard with Aficio MP 2001L, MP 2501L, MP 2001SP and MP 2501SP, improving versatility. The compact print and scan enabled MFP can meet all document imaging needs, replacing standalone printers and scanners.

Easier to Use

The 4-line LCD operation panel of Aficio MP 1600 and MP 2000 has been replaced on Aficio MP 2001SP and MP 2501SP with a colour touch-screen display. Brightly lit icons improve access and simplify operation. The intuitive menu system is easily navigated. The home screen can be customised and preferred settings can be ported from one Ricoh device to another.

Colour Scanning

All of the new models, with the exception of Aficio MP 2001, include colour scanning. Hardcopy documents can be scanned in colour, improving access to information. Aficio MP 2001L and MP 2501L include a TWAIN scanner whilst Aficio MP 2001SP and MP 2501SP include Ricoh's latest scan-to technology which enables documents to be routed directly to email, ftp or network location.

Intelligent Workflow

Incorporating Ricoh's Next Generation Controller architecture, Aficio MP 2001SP and MP 2501SP interact intelligently with users, improving access to information, automating document processes, controlling the financial and environmental costs of printing, and safeguarding document security.

The advantages of Ricoh's Next Generation Controller architecture are explored in section 8, Key Selling Points. They include:

Simplifying Access

- Customisable home screen
- Import preference settings
- Web browser
- USB/SD card reader

Automating Workflows

- One-click print drivers
- Print scheduling
- Auto job promotion
- Remote fax

Establishing Control

- Quota setting
- Duplex default
- Eco-information screen
- Mandatory hold print

Safeguarding Security

- Mandatory security information
- DOSS and HDD encryption
- Digitally signed PDF
- Fax output time

4. Configuration

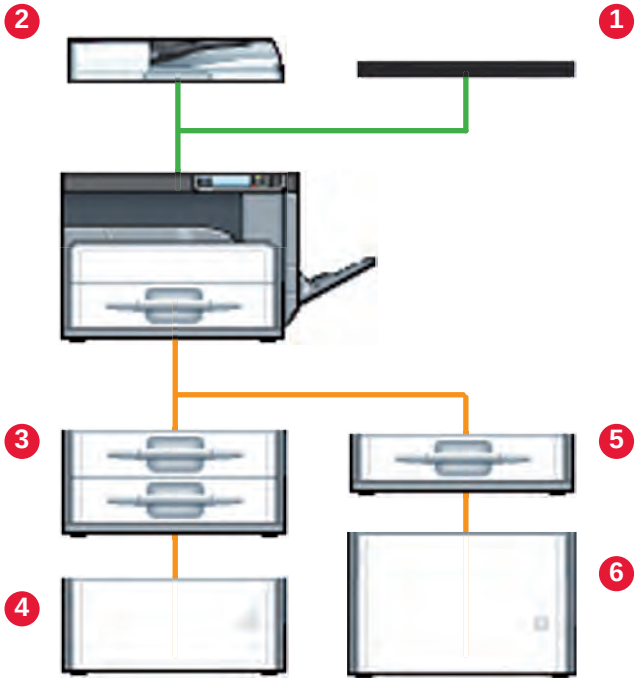
Each of the new models has a different configuration. They are described below.

Aficio MP 2001

Standard Configuration

1 = Paper tray 1 (250 sheets)
2 = Bypass tray (100 sheets)
3 = Internal output tray (250 sheets)

Options



1 = Platen cover (PN2000), or **2** = ARDF (DF2030)
3 = 500 sheet paper feed unit (PB2010) and **4** = Medium cabinet 36, or
5 = 250 sheet paper feed unit (PB2000) and **6** = High cabinet 37

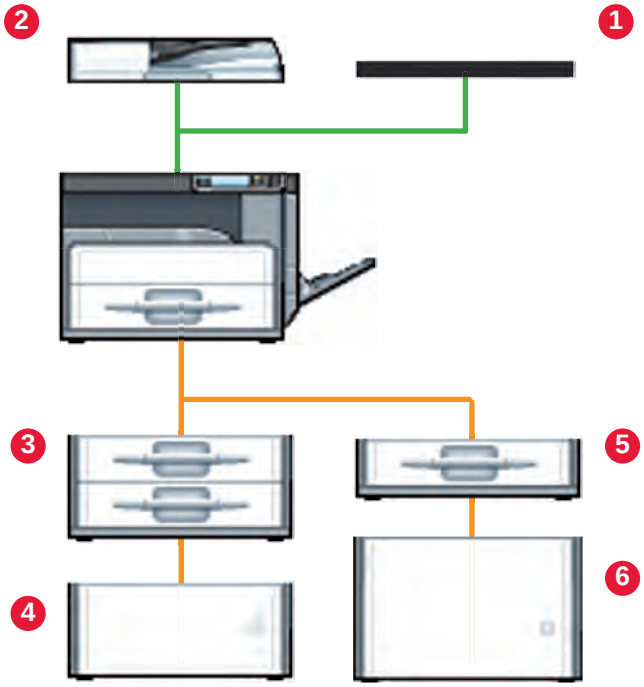
Not depicted
ADF handle
Counter interface (Type A)

Aficio MP 2001L

Standard Configuration

1 = Paper tray 1 (250 sheets)
2 = Bypass tray (100 sheets)
3 = Internal output tray (250 sheets)
Not depicted
Duplex and print/scan controller

Options



1 = Platen cover (PN2000), or **2** = ARDF (DF2030)
3 = 500 sheet paper feed unit (PB2010) and **4** = Medium cabinet 36, or
5 = 250 sheet paper feed unit (PB2000) and **6** = High cabinet 37

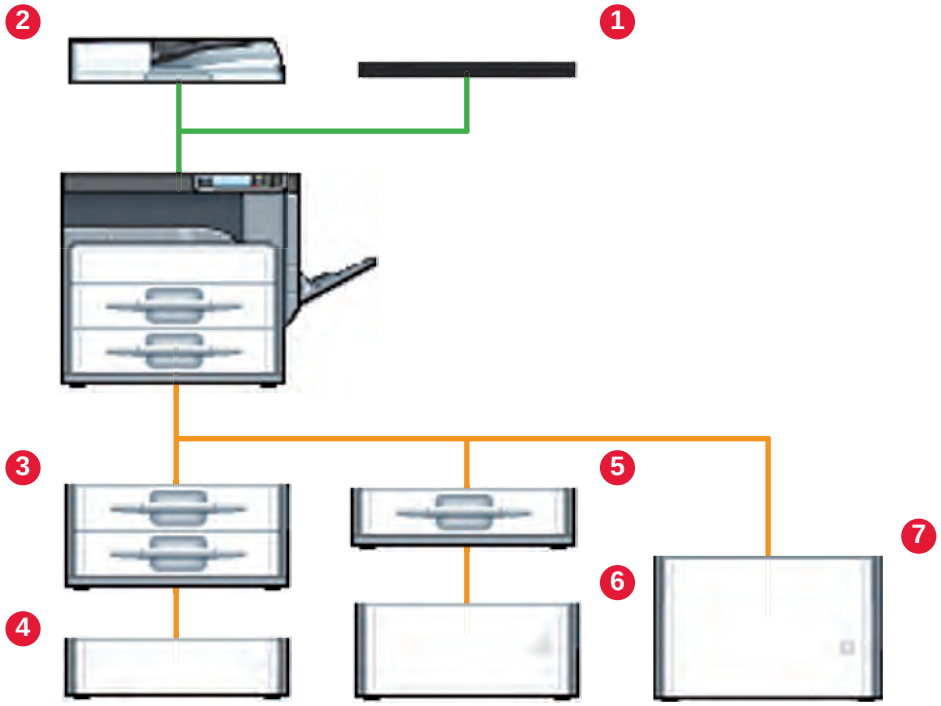
Not depicted
ADF handle
Network interface (DDST Unit Type G)
Counter interface (Type A)

Aficio MP 2501L

Standard Configuration

1 = Paper tray 1 (250 sheets)
2 = Paper tray 2 (250 sheets)
3 = Bypass tray (100 sheets)
4 = Internal output tray (250 sheets)
Not depicted
Duplex and print/scan controller

Options

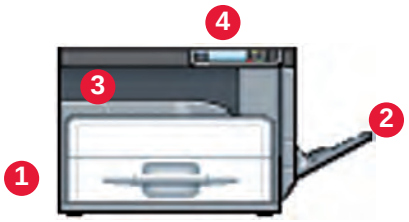


1 = Platen cover (PN2000), or **2** = ARDF (DF2030)
3 = 500 sheet paper feed unit (PB2010) and **4** = Low cabinet 35, or
5 = 250 sheet paper feed unit (PB2000) and **6** = Medium cabinet 36, or
7 = High cabinet 37

Not depicted
ADF handle
Network interface (DDST Unit Type G)
Counter interface (Type A)

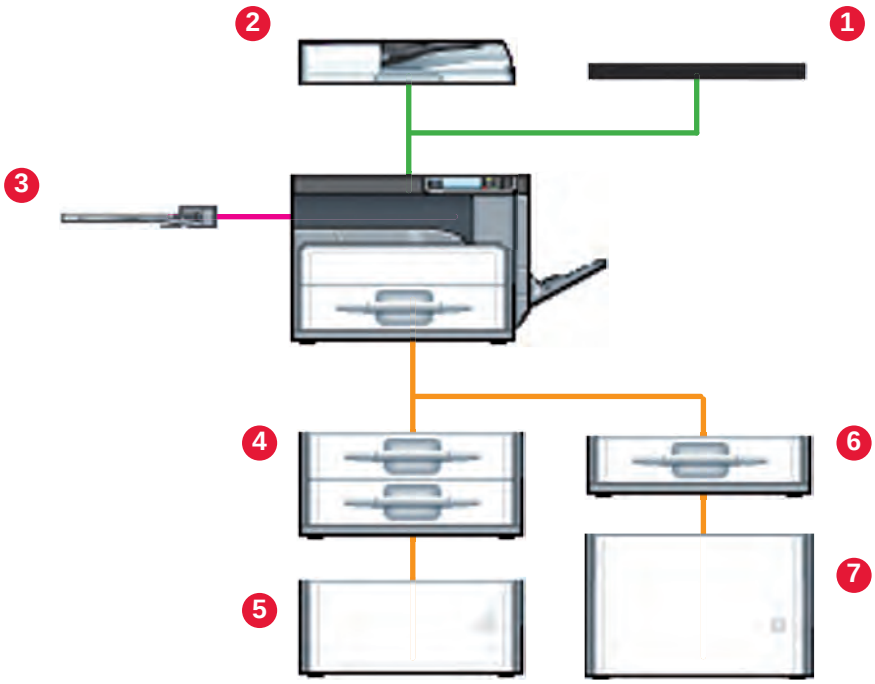
Aficio MP 2001SP

Standard Configuration



1 = Paper tray 1 (250 sheets)
2 = Bypass tray (100 sheets)
3 = Internal output tray (250 sheets)
4 = Colour touchscreen operation panel
Not depicted
Duplex and Next Generation controller

Options

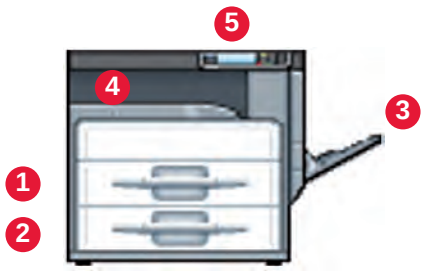


1 = Platen cover (PN2000), or **2** = ARDF (DF2020)
3 = 1 bin tray (BN2010)
4 = 500 sheet paper feed unit (PB2010) and **5** = Medium cabinet 36, or
6 = 250 sheet paper feed unit (PB2000) and **7** = High cabinet 37

Not depicted
ADF handle
Network interface (DDST Unit Type G)
Fax option (Type M1), or Remote fax option (Type F)
Hard disk drive option (Type M1)
PostScript3 unit (Type M1)
Wireless interface (Type J or K), or Parallel interface (Type A), or Bluetooth interface (Type D)
VM Card (Type U)
Browser unit (Type M1)
Copy data security (Type G)
File format converter (Type E)
SD card for Netware printing
Counter interface (Type A)

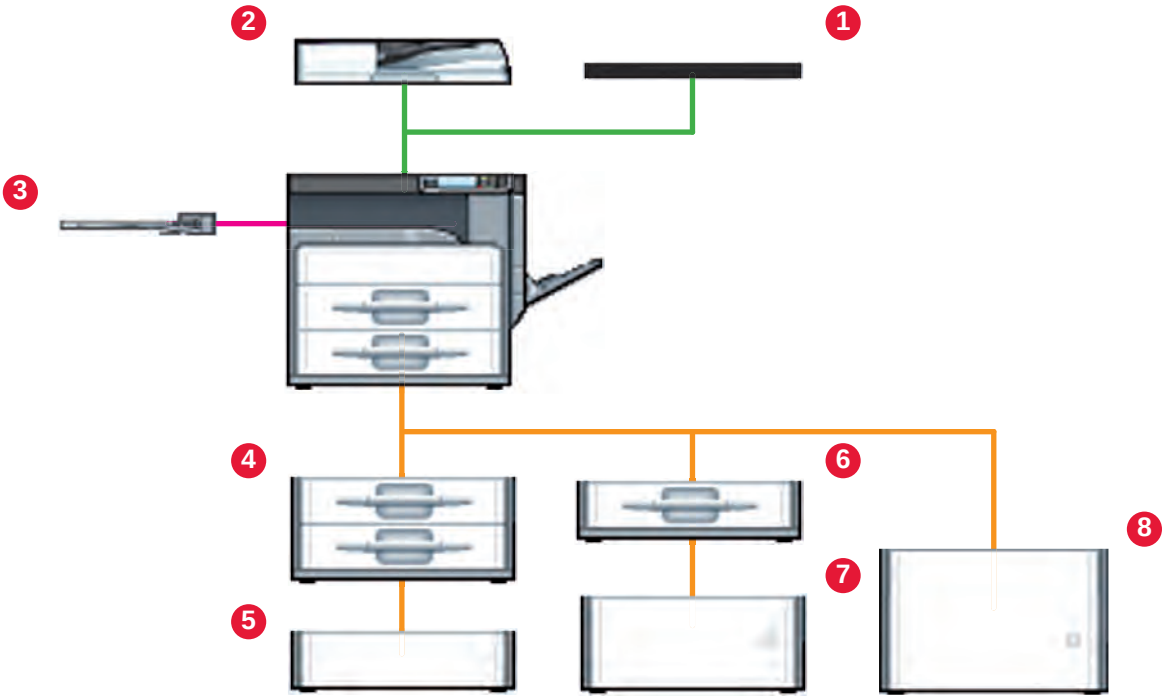
Aficio MP 2501SP

Standard Configuration



1 = Paper tray 1 (250 sheets)
2 = Paper tray 2 (250 sheets)
3 = Bypass tray (100 sheets)
4 = Internal output tray (250 sheets)
5 = Colour touchscreen operation panel
Not depicted
Duplex and Next Generation controller

Options



1 = Platen cover (PN2000), or **2** = ARDF (DF2020)
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6 = 250 sheet paper feed unit (PB2000) and **7** = Medium cabinet 36, or
8 = High cabinet 37

Not depicted
ADF handle
Network interface (DDST Unit Type G)
Fax option (Type M1), or Remote fax option (Type F)
Hard disk drive option (Type M1)
PostScript3 unit (Type M1)
Wireless interface (Type J or K), or Parallel interface (Type A), or Bluetooth interface (Type D)
VM Card (Type U)
Browser unit (Type M1)
Copy data security (Type G)
File format converter (Type E)
SD card for Netware printing
Counter interface (Type A)

6. Target Markets

- **Small to medium-sized workgroups producing A3 and A4 output**
- **Small businesses, workgroups and departments**
- **SMEs, major accounts, local government**
- **Low cost digital copier (MP 2001) for emerging markets**
- **Budget priced MFPs (MP 2001L/2501L) for cost orientated businesses**
- **Workflow solutions (MP 2001SP/2501SP) for enterprise and government**

Designed to meet the imaging needs of small to medium-sized workgroups, the new products are versatile (A3 and A4 output), productive (20/25 ppm throughput) and affordable. Depending upon customer requirements, products from Ricoh's Aficio MP 2001/2501 range can be deployed as a central photocopying resource (Aficio MP 2001), as a versatile multifunctional imaging device (Aficio MP 2001L and MP 2501L) or as part of an intelligently managed workflow solution (Aficio MP 2001SP and MP 2501SP).

The budget priced Aficio MP 2001 is designed for those customers requiring just copier functionality. A simplex A3/A4 photocopier which runs at a speed of 20 A4 pages a minute, Aficio MP 2001 takes up very little space and offers reliable low-cost performance. Targets for Aficio MP 2001 include cost orientated small to medium-sized businesses in emerging markets.

Also positioned as budget priced solutions, Aficio MP 2001L and MP 2501L are multifunctional products which provide the means to print and copy in black-and-white and scan in full colour. Targets for Aficio MP 2001L and MP 2501L include cost orientated small to medium-sized businesses with more extensive imaging needs.

Aficio MP 2001SP and MP 2501SP are solution enabled platforms which provide the means to automate document processes, establish governance over workflows and enhance data security. PCL print and advanced scan-to functionality replaces the basic GDI printing and TWAIN scanning functionality of the entry-level products. Fax is offered as an option.

Aficio MP 2001SP and MP 2501SP share the same intuitive interface as Ricoh's other Next Generation solutions and can be installed as part of a managed fleet. Targets include medium-sized businesses and larger organisations with extensive imaging needs and a desire to automate workflows, control costs, establish governance and enhance security.

Sales strategies are explored below:

Optimise (fleet optimisation)

- Who: Major accounts, local government and commercial customers
- Current situation: Departmental MFPs and printers, single function desktop devices
- Requirements: Managed document services, versatile and accessible technology, common device management, low total cost of ownership
- Strategy: Optimise infrastructure, balanced deployment, shared workgroup devices, common user interface, embedded workflow solutions (Aficio MP 2001SP and MP 2501SP)
- Advantages: Uniform platform, simplified workflow, better device management, lower costs

Consolidate (single to multifunction)

- Who: Small to medium sized businesses
- Current situation: Mixed fleet with mono laser printers, standalone fax machines and scanners
- Requirements: Reduce expenditure, release space, improve productivity, add new services
- Strategy: Replace single function devices, shared multifunctional resource, PpP contract, colour scanning solution (Aficio MP 2001L and MP 2501L)
- Advantages: Reduce number and type of devices, minimise expenditure, increase functionality and improve productivity

Replace (competitor to Ricoh)

- Who: Small to medium sized businesses and government / major account tenders
- Current situation: Mixed fleet, desktop devices, workgroup printers and MFPs
- Requirements: Competitively priced like-for-like replacements, low running costs, reliable performance
- Strategy: Similar speed and feeds, new colour scanning facility, low purchase price / low running costs (Aficio MP 2001L and MP 2501L)
- Advantages: Lower costs, new functionality (colour scanning), simple uniform operation

7. Market Potential

- **€2.75 billion market**
- **110 billion pages**
- **415,000 machines**
- **>50% A3 capable**
- **€3120 average selling price**
- **€6720 lifetime revenue**

A3 Capability

The low to mid volume segment represents a large and potentially profitable sector of the market. In 2011 more than 1 million 20 to 39 ppm machines were purchased by customers in Western Europe. 415,000 of the machines purchased (around 40%) were black-and-white. A3 capability is important in this segment, with more than 50% of machines having A3 capability.

110 Billion Pages

There is an installed base of 2,330,000 low to mid volume black-and-white machines in Western Europe. Assuming an average volume of just 4000 pages a month, these low to mid volume black and white machines will produce more than 110 billion pages in 2012. Approximately 20% of the installed base will be upgraded in 2012.

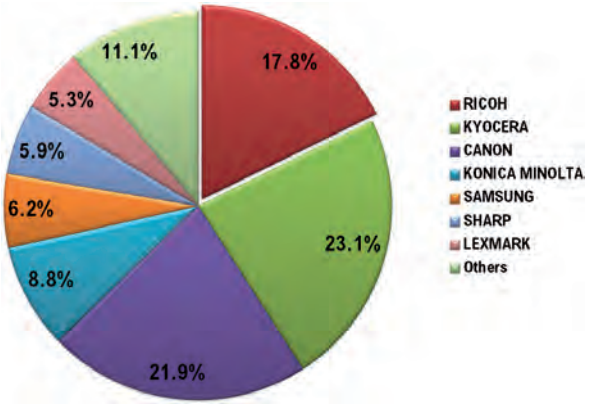
€2.75 Billion Market

New machine sales will generate hardware revenues of around €1.3 million in 2012. Factor in lifetime service and paper revenues and the market for low to mid volume black-and-white machines is worth €2.75 billion. Every low to mid volume black-and-white machine sold has the potential to generate lifetime revenues (sales, service and paper revenues) of €6,720.

Machine Sales Revenue	€3,120
Average Monthly Volume	4,000
Lifetime Service Revenue (60 months x 4000 pages x .75 cents)	€1,800
Lifetime Paper Revenue (60 months x 4000 pages x .75 cents)	€1,800
Total Lifetime Revenue	€6,720

Leading Player

Ricoh is a key player in the low to mid volume segment. In 2011, Ricoh sold nearly 75,000 low to mid volume black-and-white machines to customers in Western Europe, achieving a market share of 17.8%. Kyocera was the market leader in 2011 with a market share of 23.1%. Canon was second with a market share of 21.9%. No other manufacturer achieved a market share of more than 10%.



Ricoh's market share will been bolstered in 2012 with the addition of new A3 MFPs (Aficio MP2352, MP 2852 and MP 3352) and new A4 MFPs (Aficio MP 301SP and MP 301SPF) to its range. Ricoh's share of this important market segment is expected to grow further with the introduction of Aficio MP2001, MP 2001L, MP2501L, MP2001SP and MP 2501SP.

Figures are projections based on market data provided by Infosource SA

8. Key Selling Points

- **Choice of five distinct models**
- **Simple budget priced solutions**
- **More advanced workflow solutions**
- **Black-and-white printing, colour scanning**
- **Multi format, A3 and A4 capability**
- **Intelligent Next Generation controller (SP models)**

Affordable
- Budget priced copier (MP 2001)
- Affordable MFPs (L models)
- Workflow solutions (SP models)
- Price includes printing/scanning
- Transparent PpP service concept

Versatile
- A4 and A3 paper formats
- 3 / 4-in-1 functionality (L & SP models)
- Colour scanning (L & SP models)
- 1 and 2 sided printing (L & SP models)
- Fax option (SP models)

Easy-to-Use
- Tilting colour display (SP models)
- Touchscreen operation (SP models)
- USB/SD card reader (SP models)
- Four line LCD (L models)
- Icon-based drivers (L & SP models)

Productive
- Fast warmup and recovery
- Quick one-off copies and prints
- 20 or 25 ppm A4 throughput
- 1350/1600 (max) paper capacity
- Extensive duty cycle (30K)

Controlled (SP models)
- Multi-level authentication
- Encrypted secure print*
- Mandatory security information
- Digitally signed PDF
- HDD overwrite & encryption*

* requires HDD option

Eco-Efficient
- Multifunctional workgroup solution
- Duplex default (SP models)
- Scan to email, folder & FTP (SP models)
- Eco information screen (SP models)
- Low TEC (total energy consumption)

8.1 Key Selling Points - Affordable

- Budget priced copier (MP 2001)
- Affordable MFPs (MP 2001L and MP 2501L)
- Advanced workflow solutions (MP 2001SP and MP 2501SP)
- Meets A4 and A3 needs
- B&W printing and colour scanning (L and SP models)
- Shared network resource (option L models / standard SP models)

Choice of Five Models

Aficio MP 2001/2501 family includes five MFPs which provide a choice of functionality, performance and price. Entry-level budget priced versions of the product will meet the needs of financially stretched customers, whilst advanced high-end versions of the product can be offered as workflow solutions.

Budget Priced Copier (MP 2001)

Aficio MP 2001 is a budget priced entry-level product, designed for customers requiring just copier functionality. A simplex A3/A4 photocopier which runs at a speed of 20 A4 pages a minute, there are no additional features, such as printing or scanning, to push up the price. The bare bones approach should mean that Aficio MP 2001 requires little discounting.

Affordable Multifunctional Products

Aficio MP 2001L and MP 2501L are full multifunctional products which provide the means to print and copy in black-and-white and scan in full colour. The GDI print controller and TWAIN scanner provide extensive functionality at low cost. A modular design means that priced options, such as additional paper trays and an ARDF, can be added if required.

Advanced Workflow Solutions

Aficio MP 2001SP and MP 2501SP are solution enabled platforms which save money and improve efficiency by automating document processes, enforcing governance and safeguarding security. PCL printing and colour scan-to functionality are provided as standard. Additional features, such as fax and PostScript printing, are offered as options.

Space Saving

For A3 MFPs, the new models are surprisingly compact, boasting a footprint of just 0.333m2. The MFPs can be positioned on a desk or, if configured with optional paper trays, used as floorstanding workgroup solutions. An integral duplex (L and SP models), internal delivery tray and front access to paper trays and the operation panel further reduce space requirements.

Versatile Functionality

A single multifunctional product will meet all A3 and A4 document needs. L and SP models print and copy in black and white and scan in full colour, producing immaculate single and double-sided output. SP models provide the means to scan documents to e-mail, USB/SD memory and network locations. Fax is offered as an upgrade option for SP models.

Shared Resource

SP models are supplied with an ethernet interface card and can be connected directly to a wired network for shared use as a network printer/ scanner. An ethernet interface is offered as an option for L models. With workgroup users sharing the same multifunctional product, there is no need for additional devices, reducing capital expenditure and providing a faster return on investment.

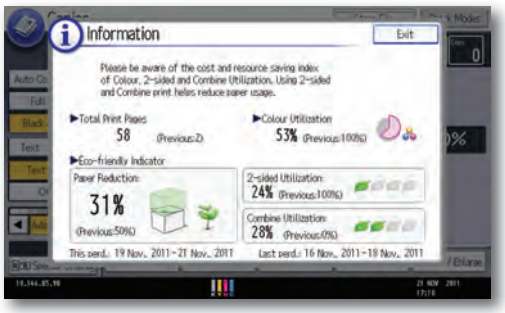
Integral Duplex (L and SP Models)

L and SP models are equipped with a duplex which automatically cycles paper to produce smartly presented double sided output, saving paper. The interleaving design means that there is no restriction on the number of duplex copies and prints that can be made. The duplex unit is an integral part of the MFP design and takes up no additional space.

Duplex Default (SP Models)

To encourage eco-friendly behaviour and cut paper consumption, duplex printing is set as the default print setting in the PCL and PS (option) print drivers. If required, users can override the default setting by manually selecting ‘simplex printing’ or by changing the default setting for duplex printing to ‘off’.

Eco-Information Screen (SP Models)



An eco-information screen can be displayed as a pop-up on the operation panel. The pop-up advises the total number of pages printed by a user and shows any reduction they have made in paper consumption through use of duplex and N-up printing. The pop-up has a free type area in which the administrator can promote a corporate environmental message.

Fax Option (SP Models)

With the addition of the fax option, Aficio MP 2001SP and MP 2501SP become communication hubs, capable of scanning a document in ??? and transmitting in just two seconds using JBIG compression. Adding fax functionality can help when presenting total cost of ownership savings since the page cost is much less that than of a stand-alone fax machine.

Internet Fax (SP Models with Fax option)

With the addition of the fax option, Aficio MP 2001SP and MP 2501SP can be used as internet faxes. Faxes can be transmitted to, and received from, other internet faxes using T.37 internet protocols for reduced transmission cost and faster transmission speeds.

IP Fax (SP Models with Fax option)

With the IP-Fax feature, users can send faxes to, or receive faxes from, any IP-Fax machine connected to the same network using TCP/IP protocol. Senders use the IP address to specify the destination machine, or the alias number when using the gatekeeper. User can also send faxes to the G3 fax machines connected to PSTN via the VoIP gateways.

No email server is required as IP-Fax communicates directly with destination fax machines connected to the same network. The transmission speed is faster than using G3.

LAN Fax (SP Models with Fax option)

The LAN Fax feature allows users to transmit fax messages directly from PC without need to print out and re-scan, reducing the number of steps taken to send a fax and increasing desktop convenience.

Remote Fax Option* (SP Models)

Using the Remote Fax option, users can send or receive fax documents via an Aficio MP 2001SP or MP 2501SP which is not configured with a fax option by sharing the fax option attached to another Afico MFP on the same network. This feature saves money by reducing the initial investment for fax options and eliminating the running costs of maintaining multiple fax lines.

*also requires HDD option

8.2 Key Selling Points - Easy To Use

- Tilting colour display (SP models)
- Intuitive touchscreen operation (SP models)
- Four line LCD (L models)
- Simple icon-based drivers (L & SP models)
- Integral USB/SD card reader (SP models)
- Scan to email, folder, network location and FTP (SP models)

Contemporary I-Style Design

Ricoh's I-Style design concept is both eye-catching and effective. The white and grey colour scheme works well in the modern office environment. Operational areas such as the operation panel and delivery area are emphasised in dark grey. SP models feature colour touchscreen operation panel with an intuitive menu system which simplifies operation. L models have a four-line LCD.

Intuitive Operation (SP Models)

The menu system is intuitive and easy to use. Even seemingly complex tasks like producing booklets and magazines are made easy with touchscreen selection. A button on the right of the control panel switches the colour display to a simplified setting allowing users with visual impairment view menu options machine more easily.

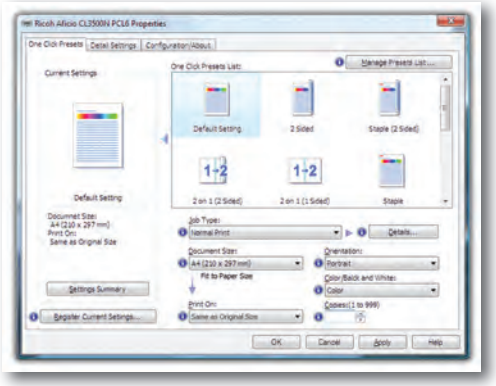
Customisable Home Screen* (SP Models)

The home screen of the MFP can be customised. A corporate logo can be inserted at the upper right corner of the screen and the desktop customised to include preferred function icons. Individual users can also create their own personal home screens to include a programme shortcut which automates a frequently used operation.

*requires HDD option

One-Click Drivers (SP Models)

The functionality of RPCS, Ricoh's easy-to-use single-click icon-based print driver, popular with users, has been incorporated into the standard PCL driver of SP models. The PCL driver and optional PostScript driver feature graphic icons which allow single click selection of complex settings such as duplex printing, booklet pagination, stapling and folding.



Export Preference Settings (SP Models)

Users can export preference settings such as System Settings, Application Settings and program shortcuts from the MFP to an SD card or local folder on a client PC using WebImageMonitor. These settings can then be applied to other supported Aficio MFPs. This feature simplifies setup as the administrator can quickly apply the same settings to multiple devices.

Colour Scanning (L and SP Models)

L and SP models are configured ready to scan in full colour. L models include a TWAIN driver compatible with most software initiated scanning solutions. SP models feature Ricoh's advanced scan-to functionality. Using the touchscreen operation panel, documents can be forwarded to email, saved to a USB/SD memory card, network location or FTP address.

A6 Scanning (L and SP Models)

A6 scanning is a requirement in the banking sector where payment receipts and acknowledgements presented as A6 dockets have to be routinely scanned and copied. L and SP models support A6 scanning. To simplify access, A6 scan dimensions can be programmed and saved as one-touch A6 scanning shortcut on the home screen of SP models.

ID Copy

The new models all support ID Copy, another requirement of the banking sector. This feature makes it easy to copy ID cards. Both sides of an ID card are automatically copied onto one side of a single sheet of paper. The user simply selects ID Copy mode before scanning the front and back sides of the ID card.

High Compression PDF (SP Models)

Conventional scanners have difficulty maintaining a balance between file size and image quality. SP models will compress single and multipage documents, creating high compression PDFs, with the optimum file size determined by the scanner depending upon the ratio of image to text. Generating compressed PDF files reduces network traffic, particularly if printed using PDF Direct Print.

Encrypted PDF Transmission (SP Models)

Documents scanned to email, saved to a USB/SD memory card or to a network location can be encrypted and password protected to ensure they are read only by the intended recipient. This feature will appeal to companies and department handling confidential documents such as new product information, contracts and personal data.

Document Server* (SP Models)

The optional document server can be used to store up to 3,000 documents / 9,000 pages. Documents can be scanned directly to the document server or received by fax, email or IP transfer. Regularly printed documents such as expense sheets can be saved in the document server and printed on demand, eliminating the need to hold pre-printed stock.

*requires HDD option

Search and Preview* (SP Models)

Documents in the optional document server can be searched by file name or by thumbnail. The thumbnail feature can also be used to preview and confirm it documents content. Previewing scanned documents allows users to check the appearance of scanned data before transmission, eliminating potentially costly or embarrassing errors.

*requires HDD option

LDAP Addressing (SP Models)

With LDAP support (Lightweight Directory Access Protocol), uses are able to select email and fax addresses from the control panel of the MFP. Fax numbers and email addresses are updated automatically from LDAP servers. Users can search for fax numbers at the MFP control panel. Addresses can be searched by name, email address, number, company and department name.

Web Browser Option* (SP Models)

Using the optional MFP Web Browser, users can browse external websites and print out the displayed page directly from the operational panel of the MFP. Webpage addresses can be registered as bookmark icons on home screen. Using this feature, users can print Google maps, e-tickets and coupons without needing to access a PC/Mac.

It should be noted that this feature does have some limitations. Because of the way they are compiled, some web pages cannot be displayed within the web browser and web pages consisting of multiple frames cannot be printed. Unfortunately it is not possible to ascertain in advance which web pages are supported and which are not.

*also requires HDD option

AirPrint Support* (SP Models)

AirPrint Support enables users to print directly from i0S 4.2 supported devices such as iPhone and iPad to the new MFPs. In the wireless mode iOS devices will automatically locate supported devices. E-mails, photographs, web pages and other documents are easily printed without need to download print drivers or make a physical connection with the device.

* Not available at launch. Support schedule will be announced separately.

USB/SD Card Reader* (SP Models)

SP models are equipped with a USB/SD card reader. Located on the right side of the operation panel, the card reader is easily accessible. Particularly useful in walk up environments, the card reader enables users to print PDF documents and JPEG / TIFF images without needing to open them first on a PC. JPEG files can be previewed in colour on the MFPs operation panel.

* optional HDD required to print from USB/SD card memory

Mail to Print* (SP Models)

Mail to Print is a new feature that enables users to send an e-mail with attached data directly to a postscript enabled MFP for printing. This feature will prove useful in environments where use is made of handheld smart phones. Using Mail to Print, messages and attachments received on a smart phone can be printed directly to the Aficio MFP without need to open them on a PC.

* requires HDD option

PDF Direct Print* (SP Models)

PDF Direct Print enables PDF documents to be printed directly to a postscript enabled MFP. Although PDF files are relatively small, when processed they become larger and can place unnecessary load on the network. Using PDF Direct Print documents are processed by the MFP rather than the PC, reducing network traffic and releasing computer resource.

* requires HDD and PS3 options

Letterhead Printing (SP Models)

The letterhead printing feature synchronises the simplex and duplex paper paths so that a single tray of pre-printed letterhead paper can be used for both simplex and duplex pages. Whether printing single or double sided, the Ricoh MFP will leave a border at the top of the first page to avoid printing on the letterhead.

Layout and Booklet Printing (SP Models)

Layout and booklet printing* is supported in Mac 0S and Windows environments. Using this feature it is possible to save paper by presenting large documents such as multi-slide PowerPoint presentations in a compact booklet format. Multiple pages are automatically tiled and paginated by the MFP and printed ‘N-up’ (2 in 1 or 4 in 1) in booklet format.

* Please note, Aficio MP 2001SP and MP 2501SP can print booklets but as there is no booklet finishing option, the user needs to fold and staple the documents.

8.3 Key Selling Points - Workflow Solutions (SP Models)

- **Multi-level authentication**
- **VM card facilitates workflow solutions**
- **Encrypted secure print**
- **Mandatory security information**
- **Digitally signed PDF**
- **HDD overwrite & encryption**

Next Generation Controller (SP Models)

Multifunctional products utilise operating systems as complex as those used in computers and smart phones. Aficio MP 2001SP and MP 2501SP are solution enabled platforms which incorporate Ricoh's Next Generation Controller architecture; the most advanced multifunctional product operating system available today.

Incorporating a specially developed ASIC (application specific integrated circuit) and a fast 1Ghz processor, the embedded controller architecture is able to process multiple applications such as printing, copying, scanning and fax communication simultaneously, speeding the workflow and improving productivity.

The integrated controller features powerful microprocessors which effectively utilise the available memory. The integrated network card provides direct connection to Ethernet networks, offering wide bandwidth and ultrafast transmission of data. The future proof design means that the controller can also connect to gigabit Ethernet networks (option).

Based on open software architecture, the embedded controller runs integrated applications which control the document infrastructure and automate work processes. Ricoh's SDK (software development kit) enables system integrators to develop new embedded applications which enhance performance, increase versatility and customise solutions to business need.

Many of the key selling points described below are features of Ricoh's Next generation Controller architecture.

Solutions Platform (SP Models)

A VM card is offered as an option for SP models. The VM card runs intelligent embedded software applications, such as StreamLine NX, used to automate, streamline and govern the document workflow. The Streamline NX option provides the means to authenticate users, restrict access, record usage and hold print securely until released.

Mandatory Hold Print* (SP Models)

To protect confidentiality and reduce waste, the administrator can set the default print setting to 'hold print'. With 'hold print' set as the default, all print output is held within the optional document server until released by the originator upon collection. Jobs that are no longer required can be deleted without printing, saving paper.

*requires HDD option

Mandatory Security Information (SP Models)

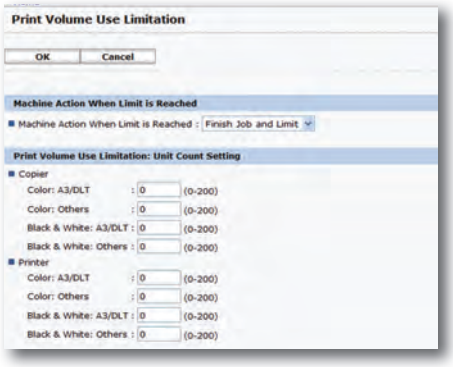
The Mandatory Security Information feature enforces document security by automatically appending security tags to every document produced. The security information added to documents includes the name or user ID of the originator, the date and time the job was printed, the IP address of originating computer and the serial number of the MFP on which the job was printed.

Compulsory Security Stamp
OK
Cancel
Copier
Compulsory Security Stamp : On Off
Date/Time : Stamp Do not Stamp
Printout User Name : Stamp User Name Stamp Login User Name Do not Stamp
Machine ID : Stamp Do not Stamp
Machine IP Address : Stamp Do not Stamp
Adjust Stamp Position
Stamp Position : Bottom Right
Adjust Position : X: 4 mm(4 - 144) Y: 8 mm(4 - 144)

Banner Page Print (SP Models)

Using the new Banner Page print feature, a job sheet is printed at the start of the print job identifying the originator. This feature makes it easier to identify work in a busy environment, reducing the risk of work being mislaid or duplicated. The Banner Page includes the originators username, the date and time of printing, the originating computers hostname and a job name.

Quota Setting* (SP Models)


Print Volume Use Limitation
OK
Cancel
Machine Action When Limit is Reached
Machine Action When Limit is Reached : Finish Job and Limit
Print Volume Use Limitation: Unit Count Setting
Copier
Color: A3/DLT : 0 (0-200)
Color: Others : 0 (0-200)
Black & White: A3/DLT : 0 (0-200)
Black & White: Others : 0 (0-200)
Printer
Color: A3/DLT : 0 (0-200)
Color: Others : 0 (0-200)
Black & White: A3/DLT : 0 (0-200)
Black & White: Others : 0 (0-200)

Quota Setting allows the administrator to limit the output of individual users and user groups. By setting page count and user count limits, the administrator is able to control the print environment and reduce cost. Fax output is not restricted. A new Scheduling feature enables the administrator to set the point at which individual users and group print quotas are reset.

*requires HDD option

Data Overwrite Security* and HDD Encryption* (SP Models)

Data Overwrite Security overwrites temporary data held on the MFPs hard drive with random data. Data can be overwritten up to nine times to ensure that the original data cannot be recovered. This method of overwrite is the USA Department of Defence standard. HDD Encryption protects information by encrypting the address book, authentication information and stored documents.

* Standard with HDD option

Duplex Default (SP Models)

To encourage eco-friendly behaviour and cut paper consumption, duplex printing is set as the default print setting in the PCL and PS (option) print drivers. If required, users can override the default setting by manually selecting ‘simplex printing’ or by changing the default setting for duplex printing to ‘off’.

Unauthorised Copy Control (SP Models)

This feature enhances document security by preventing unauthorised copying of confidential documents. A text pattern, such as ‘No Copying’ is embedded as a watermark on the original document. The watermark is repeated on subsequent copies making them difficult to read. Ricoh MFPs equipped with the Copy Data Security option recognise the watermark and grey out the copy.

Output Timer for Fax* (SP Models)

To reduce the risk that inbound fax messages are left sitting in a catch tray where they may be read by unauthorised personnel or inadvertently picked up along with other documents, the administrator can set a time schedule for fax output. Inbound fax messages received overnight or at the weekend can be held in memory and automatically printed at a predetermined time.

*requires Fax and HDD options

PDF/A and Digitally Signed PDF (SP Models)

PDF/A is a file format and ISO standard for the long-term archiving of electronic documents. The format locks the document to maintain its originality and records within the document a ‘Device Certificate’ which identifies the scanning device. Digitally signed PDFs are a regulatory standard for electronic invoicing and a preferred compliance standard for electronic document management.

Enhanced Encryption Level (SP Models)

Enhanced encryption enables the user to select more secure encryption algorithms when encrypting documents saved to PDF. Government and industry compliance regulations may require the customer to adopt one or other enhanced encryption level. The supported algorithms include AES256bit (used by the US government, NESSIE in EU and CRYPTREC in Japan) and SHA-2 (used by the US National Security Agency).

9. Service and Consumables

- **Competitive cost per page**
- **Metered billing**
- **Pay-per-page service contract**
- **Managed service**
- **Transparent pricing**
- **@Remote monitoring**

Aficio MP 2001, MP 2001L, MP 2501L, MP 2001SP and MP 2501SP should be maintained by a trained service engineer. Like other Ricoh MFPs, service is likely to be offered on a toner inclusive Pay per Page (PpP) basis.

PpP servicing offers the following customer advantages:

- Transparent all inclusive price
- Low pre agreed page cost
- Pay as you go
  (no need to stock expensive consumables)
- Full service provision
- Full control and visibility of print cost

The new products have similar running costs to their predecessors. Although the running costs are similar, sales people must refer to their service or sales management for actual service pricing.

The new machines are reliable and resilient. With target MCBCs (mean copies between calls) of around 27,300 pages, customers producing an average 3,500 pages a month, might expect to need a service visit once every seven to eight months.

@Remote

Using @Remote, the devices can be monitored in real-time with the Ricoh service operation able to identify issues before they become apparent to users and deliver consumable items such as toner in advance of need.

Service and consumable data is provided below:

Service and Consumable Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
Toner yield [1]		9 000 prints	9 000 prints	9 000 prints
Developer yield		60 000 prints	60 000 prints	60 000 prints
Print Volume	Average Monthly Print Volume:	3 000 prints	3 500 / 4 000 prints	3 500 / 4 000 prints
	Maximum Monthly Print Volume:	10 000 prints	10 000 prints	10 000 prints
	Duty:	30 000 prints	30 000 prints	30 000 prints
Maintenance	PM cycle:	60 000 prints	60 000 prints	60 000 prints
	MCBC:	27 300 prints	27 300 prints	27 300 prints
Machine life		5 years or 600 000 prints, whichever comes first		

[1] A4 paper, 6% toner coverage

10. Specifications

Engine Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
First print speed		6.5 sec	6.5sec	6.0 sec
Engine speed		20 ppm	20 / 25 ppm	20 / 25 ppm
Duplex speed		-	20 / 25 ppm	20 / 25 ppm
One to one copy speed		20 cpm	20 cpm	20 / 25 cpm
Resolution		600 dpi (copy)	600 dpi (scan/copy/print)	600 dpi (scan/copy/print)
Memory		16 MB	128 MB	1024 MB
Hard disk drive		-	-	250 GB*
Input paper capacity	Standard	350 sheets	350 / 600 sheets	350 / 600 sheets
	Maximum	1350 sheets	1350 / 1600 sheets	1350 / 1600 sheets
Output paper capacity	Standard	250 sheets	250 sheets	250 sheets
	Maximum	-	-	350 sheets
Dimensions (w×d×h)		587×568×431mm	587×568×431mm MP 2001L 587×568×529mm MP 2501L	587×568×460 mm MP 2001SP 587×568×558mm MP 2501SP
Weight machine		35.0 kg	37.0 / 47.0 kg	38.5 / 43.0 kg

* Option

Paper Specifications				
		Capacity (A4 80 g/m²)	Size	Weight
Paper tray 1 (MP 2001/2001L/2501L)		250 sheets	A3 - A5	60 - 90 g/m²
Paper tray 1 (MP 2001SP/2501SP)		250 sheets	A3 - A5	60 - 105 g/m²
Paper tray 2 (MP 2501L)		250 sheets	A3 - A5	60 - 90 g/m²
Paper tray 2 (MP 2501SP)		250 sheets	A3 - A5	60 - 105 g/m²
Bypass tray		100 sheets	A3 - A6	60 - 162 g/m²
PB2000 1-Tray paper bank*		500 sheets	A3 - A5	60 - 105 g/m²
PB2010 2-Tray paper bank*		500 sheets (×2)	A3 - A5	60 - 105 g/m²
Duplex unit (MP 2001L/2501L & MP 2001SP/2501SP)		Unlimited	A3 - A5	64 - 90 g/m²
DF2020 ARDF*	Simplex	100 sheets	A3 - A5	40 - 128 g/m²
(MP 2001SP/2501SP)	Duplex	100 sheets	A3 - A5	52 - 105 g/m²
DF2030 ARDF*	Simplex	50 sheets	A3 - A5	40 - 128 g/m²
(MP 2001 & MP 2001L/2501L)	Duplex	50 sheets	A3 - A5	52 - 105 g/m²
Internal output tray		250 sheets	A3 - A6	-
BN2010 1-Bin tray* (MP 2001SP/2501SP)		100 sheets	A3 - A6	60 - 105 g/m²

* Option

Copier Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
General	Multi copy:	Up to 99	Up to 99	Up to 999
	Enlargement:	3× (122, 141, 200%)	3× (122, 141, 200%)	3× (122, 141, 200%)
	Reduction:	4× (93, 82, 75, 71, 50%)	4× (93, 82, 75, 71, 50%)	4× (93, 82, 75, 71, 50%)
	Zoom:	25% - 200% (1% steps)	25% - 200% (1% steps)	25% - 200% (1% steps)
	Auto Magnification Selection:	Standard	Standard	Standard
	Auto Paper Selection:	Standard	Standard	Standard
	Auto Tray Switch:	Standard	Standard	Standard
	Original mode:	Text, Text/Photo, Photo	Text, Text/Photo, Photo	Text, Text/Photo, Photo
Sorting	Electronic Sort:	Standard	Standard	Standard
	Shift Sort:	No	No	No
	Rotate sort:	Standard	Standard	Standard
	Stack:	Standard	Standard	Standard
Document creation	Book to simplex:	Standard	Standard	Standard
	Duplex to simplex:	Standard	Standard	Standard
	Combine (x-in-1):	Standard	Standard	Standard
	Magazine mode:	No	No	No
	Chaptering:	No	No	No
	Cover-sheet insertion:	No	No	No
	Paper designate:	No	No	No
	OHP Slip sheet:	No	No	No
	Double Copy:	No	No	No
	Sample Copy:	No	No	No
Programming	User Program:	No	No	Standard (25)
	User Codes:	Standard (50)	Standard (50)	Standard (50)
	Job Preset:	No	No	No
	Job Interrupt:	No	No	No
	Special Paper Display:	Standard	Standard	Standard
	2 Language Panel Switch:	No	No	Standard
Image Editing	Centre/Border Erase:	No	No	No
	Margin Adjustment:	Standard	Standard	Standard
	Centring:	No	No	No
	Image Repeat:	No	No	No
	Colour Conversion:	Not applicable	Not applicable	Not applicable
	Colour Erase:	Not applicable	Not applicable	Not applicable
	Colour background:	Not applicable	Not applicable	Not applicable
Stamp	Page Numbering:	No	No	No
	Date:	No	No	No
	Background Numbering:	No	No	No
	User Stamp:	No	No	No
	Preset Stamp:	No	No	No

Printer Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
General	Memory:	Not applicable	128 MB	1024 MB
	Harddisk:		-	250 GB*
	Printer languages:		GDI	PCL5e/6, Adobe PS3
	Interfaces:		USB 2.0B	USB 2.0A/B, 1000Base-T
			10/100Base-Tx*	IEEE802.11a/b/g*, IEEE1284*, Bluetooth*
	MS Windows driver support:		Win XP/Vista/7/ Server2003/2008	Win XP/Vista/7/ Server2003/2008
	WS printer:		No	Standard
Printer Features	PDF Direct Print:	Not applicable	No	Standard
	Sample Print:		No	Option (HDD)
	Locked Print:		No	Option (HDD)
	Hold Print:		No	Option (HDD)
	Stored Print:		No	Option (HDD)
	PictBridge compatible:		No	No
	Print from USB/SD:		No	Option (HDD)
Others	DDNS compatible:	Not applicable	No	Standard
	NDPS Gateway (Novell):		No	Standard
	Bonjour (Macintosh OS X):		No	Standard
	Unix Filter (Unix/Linux):		No	Standard
	CUPS support (Unix/Linux):		No	Standard
	Custom Device Type (SAP/ R3):		No	Standard
	Device Option Utility (Citrix):		No	Standard
	HPT Support (IBM AS/400):		No	Standard

* Option

Interface Specifications		
		MP 2001L/2501L & MP 2001SP/2501SP
USB2.0 type B [1]	Data Transmission Speed:	12 / 480 Mbps (FullSpeed / Hi-Speed)
10/100Base-Tx [1] *	Data Transmission Speed:	100, 10 Mbps
(Ethernet)	Protocol:	TCP/IP (v4)
USB2.0 type A/B [2]	Data Transmission Speed:	12 / 480 Mbps (FullSpeed / Hi-Speed)
1 000Base-T [2]	Data Transmission Speed:	1 000, 100, 10 Mbps
(Gigabit Ethernet)	Protocol:	TCP/IP, IPX/SPX*
IEEE802.11a/b/g [2] *	Data Transmission Speed:	54 Mbps
(Wireless LAN)	Protocol:	TCP/IP, IPX/SPX*
	Security:	WEP / WPA / WPA 2
Bluetooth [2] *	Data Transmission Speed:	1 Mbps
	Distance:	10 m (max)
IEEE1284 [2] *	Data Transmission Speed:	0.5 - 2 Mbps
(Parallel)		

* Option, [1] = MP 2001L/2501L, [2] = MP 2001SP/2501SP

Scanner Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
General	Optical resolution:	Not applicable	600 dpi / 3×8 bit	600 dpi / 3×8 bit
	Preset resolution:		100/200/300/400/600 dpi	100/200/300/400/600 dpi
	Scan speed:		17.5 ipm (A4, 200dpi, B/W)	50 ipm (A4, 200dpi, B/W)
			6 ipm (A4, 200dpi, Col)	50 ipm (A4, 200dpi, Col)
	Scan area:		297×432mm (glass)	297×432 mm (glass)
			A3 (ARDF)	A3 (ARDF)
	Interfaces:		USB 2.0B	USB 2.0A/B, 1000Base-T
			10/100Base-Tx*	IEEE802.11a/b/g*
	WS scanner:		No	Standard
	sRGB support:		No	Standard
	LDAP search:		No	Standard
	Preview:		No	Standard
	File format:		Application dependent	Single/Multi page TIFF
				Single JPEG
				Single/Multi page PDF
				High compression PDF
Features	Scan to e-mail:	Not applicable	No	Standard
	Scan to URL:		No	Option (HDD)
	Scan to SMB:		No	Standard
	Scan to NCP:		No	Standard
	Scan to FTP:		No	Standard
	Scan to USB/SD:		No	Standard
	Network TWAIN:		Standard	Standard

* Option

Fax Specifications (option)				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
General	Circuit:	Not applicable	Not applicable	PSTN, PBX
	Compatibility:			ITU-TG3
	Number of lines:			1 × Super G3
	Resolution:			Standard (200 × 100 dpi)
				Detail (200 × 200 dpi)
	Compression method:			MH, MR, MMR, JBIG
	Scanning speed:			2 seconds per page
	Modem speed:			33.6 Kbps
	Transmission speed[1]:			~ 2 seconds
	LDAP support:			Standard
	SAF memory:			4 MB
	Memory backup:			1 hours
	Quick dial:			1 000 / 2 000 (std/max)
	Group dial:			100
Fax Features	Book Fax:	Not applicable	Not applicable	Standard
	Fax Forwarding:			Standard
	LAN Fax:			Standard
	IP Fax (ITU-T T.38):			Standard
	Internet Fax (ITU-T T.37):			Standard (Full Mode)

[1] ITU-T No. 1 chart (Slerexe) in standard mode, JBIG

Security Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
Authentication	Windows Authentication:	Not applicable	No	Standard
	LDAP Authentication:		No	Standard
	Basic Authentication:		No	Standard
	User Code Authentication:		No	Standard
	Integration Server Authentication:		No	Standard
	SMTP Authentication (email):		No	Standard
	POP before SMTP (email):		No	Standard
NIB Access Control	IP range restriction:	Not applicable	No	Standard
	IP port restriction:		No	Standard
	Protocol restriction:		No	Standard
Encryption	SSL(IPP/WEB/SDM):	Not applicable	No	Standard
	IPsec:		No	Standard
	S/MIME (email):		No	Standard
	SNMPv3(SDM):		No	Standard
	HDD encryption:		No	Standard
	Addressbook encryption:		No	Standard
	PDF Password encryption:		No	Standard
	Authentication password encryption:		No	Standard
	WPA2 (Wireless LAN):		No	Standard
Others	Data Overwrite Security:	Not applicable	No	Standard
	Locked print:		No	Option (HDD)
	Protect Stored Documents (DS):		No	Standard
	MFP Menu protection:		No	Standard
	Unauthorized Copy Control (print):		No	Standard
	Copy Data Security Unit (copy):		No	Option (Type G)

Environmental Specifications				
		MP 2001	MP 2001L/2501L	MP 2001SP/2501SP
Energy Consumption	Operating mode:	442 W	442 / 442 W	433 / 433 W
	Ready mode:	108 W	105 / 106 W	113 / 113 W
	- Warm-up time:	10 seconds	10 seconds	20 seconds
	Off/Sleep mode:	0.6 W	2.3 / 2.3 W	0.6 / 0.6 W
	- Recovery time:	9.8 seconds	9.8 / 9.8 seconds	9.6 / 9.6 seconds
	Maximum energy use:	1 550 W	1 550 W	1 550 W
	TEC (Energy Star):	1 090 W/h	1 330 / 1 594 W/h	892 / 1 082 W/h
Emission & Design for Recycling	TVOC emission:	0.08 mg/h	0.08 mg/h	0.99 mg/h
	Dust emission:	0.50 mg/h	0.50 mg/h	0.62 mg/h
	Noise (Sound Power) Operating:	62.8 dB (mainframe)	62.8 / 61.6 dB (mainframe)	61.5 / 61.5 dB (mainframe)
		66.0 dB (full)	66.0 / 66.6 dB (full)	66.2 / 67.3 dB (full)
	Noise (Sound Power) Standby:	31.4 dB	31.4 / 31.5 dB	31.3 / 31.4 dB
	PxP Toner:	No	No	No
	Toner Cartridge Recycling:	Not applicable	Not applicable	Not applicable
Compliance to Labels, ISO Standards and Legislation	Energy Star:	Yes	Yes	Yes
	Blue Angel (BAM):	Yes	Yes	Yes
	ISO 9001:2000 (Quality):	Yes	Yes	Yes
	ISO 14001 :2004 (Environment):	Yes	Yes	Yes
	ISO 18001 (Health and Safety):	Yes	Yes	Yes
	ISO 11469 / ISO 1043(Plastic):	Yes	Yes	Yes
	WEEE:	Yes	Yes	Yes
	RoHS:	Yes	Yes	Yes

11. EDP Codes

Machine and Option EDP Codes - Aficio MP 2001					
Category	Item	Product Name	EDP Code	Must Install	Cannot Install
Mainframe	MP 2001	Ricoh MP 2001	416497	Toner, developer*, OI kit and platen cover or ARDF	
	MP 2001	Gestetner MP 2001 Nashuatec MP 2001 Rex-Rotary MP 2001	416704		
Document Handling	Platen	Platen Cover PN2000	416478		ARDF
	ARDF	ARDF DF2030	416490		Platen cover
	ADF Handle	ADF Handle TypeC	416213	ARDF	
	Paper Bank (1x500)	Paper Feed Unit PB2000	416455	High Cabinet	PB2010
	Paper Bank (2x500)	Paper Feed Unit PB2010	416456	Medium Cabinet	PB2000
	Medium Cabinet	Medium Cabinet 36	985192	PB2010	High cabinet
	High Cabinet	High Cabinet 37	985193	PB2000	Medium cabinet
Security	Optional Counter Interface Unit	Optional Counter Interface Unit Type A	413012		

* Developer is supplied as a service part and is NOT included with the mainframe

OI Kits - Aficio MP 2001					
Language	Description	EDP Code	Language	Description	EDP Code
English	OI2001EN	985457	Norwegian	OI2001NR	985494
French	OI2001FR	985483	Portuguese	OI2001PR	985495
German	OI2001GE	985485	Polish	OI2001PL	985499
Italian	OI2001IT	985486	Finnish	OI2001FN	985500
Dutch	OI2001NL	985487	Danish	OI2001DN	985501
Spanish	OI2001SP	985488	Catalan	OI2001CA	985503
Swedish	OI2001SW	985490	Turkish	OI2001TU	985504
Czech	OI2001CZ	985492	Russian	OI2001RU	985506
Hungarian	OI2001HN	985493	Greek	OI2001GR	985507

Machine and Option EDP Codes - Aficio MP 2001L and MP 2501L					
Category	Item	Product Name	EDP Code	Must Install	Cannot Install
Mainframe	MP 2001L	Ricoh MP 2001L	416482	Toner, developer*, OI kit and platen cover or ARDF	
	MP 2001L	Gestetner MP 2001L Nashuatec MP 2001L Rex-Rotary MP 2001L	416703		
	MP 2501L	Ricoh MP 2501L	416488		
	MP 2501L	Gestetner MP 2501L Nashuatec MP 2501L Rex-Rotary MP 2501L	416702		
Document Handling	Platen	Platen Cover PN2000	416478		ARDF
	ARDF	ARDF DF2030	416490		Platen cover
	ADF Handle	ADF Handle TypeC	416213	ARDF	
	Paper Bank (1x500)	Paper Feed Unit PB2000	416455	Cabinet (see pg 14/15)	PB2010
	Paper Bank (2x500)	Paper Feed Unit PB2010	416456	Cabinet (see pg 14/15)	PB2000
	Low Cabinet	Low Cabinet 35	985191		Med or low cabinet

Machine and Option EDP Codes - Aficio MP 2001L and MP 2501L					
	Medium Cabinet	Medium Cabinet 36	985192		Low or high cabinet
	High Cabinet	High Cabinet 37	985193		Low or med cabinet
Interfaces	Network interface	DDST Unit Type M1	416492		
Security	Optional Counter Interface Unit	Optional Counter Interface Unit Type A	413012		

* Developer is supplied as a service part and is NOT included with the mainframe

OI Kits - Aficio MP 2001L and MP 2501L					
Language	Description	EDP Code	Language	Description	EDP Code
English	OI2501LEN	983810	Norwegian	OI2501LNR	983819
French	OI2501LFR	983731	Portuguese	OI2501LPR	983739
German	OI2501LGE	983815	Polish	OI2501LPL	983740
Italian	OI2501LIT	983816	Finnish	OI2501LFN	983821
Dutch	OI2501LNL	983817	Danish	OI2501LDN	984413
Spanish	OI2501LSP	983818	Catalan	OI2501LCA	983820
Swedish	OI2501LSW	983736	Turkish	OI2501LTU	983745
Czech	OI2501LCZ	983737	Russian	OI2501LRU	983746
Hungarian	OI2501LHN	983738	Greek	OI2501LGR	983747

Machine and Option EDP Codes - Aficio MP 2001SP and MP 2501SP					
Category	Item	Product Name	EDP Code	Must Install	Cannot Install
Mainframe	MP 2001SP	Ricoh MP 2001SP	416450	Toner, developer*, OI kit and platen cover or ARDF	
	MP 2001SP	Gestetner MP 2001SP Nashuatec MP 2001SP Rex-Rotary MP 2001SP	416701		
	MP 2501SP	Ricoh MP 2501SP	416447		
	MP 2501SP	Gestetner MP 2501SP Nashuatec MP 2501SP Rex-Rotary MP 2501SP	416700		
Document Handling	Platen Cover	Platen Cover PN2000	416478		ARDF
	ARDF	ARDF DF2020	416554		Platen cover
	ADF Handle	ADF Handle TypeC	416213	ARDF	
	Paper Bank (1x500)	Paper Feed Unit PB2000	416455	Cabinet (see pg 16/17)	PB2010
	Paper Bank (2x500)	Paper Feed Unit PB2010	416456	Cabinet (see pg 16/17)	PB2000
	Low Cabinet	Low Cabinet 35	985191		Med or low cabinet
	Medium Cabinet	Medium Cabinet 36	985192		Low or high cabinet
	High Cabinet	High Cabinet 37	985193		Low or med cabinet
Finishing	1 Bin Tray	1 Bin Tray BN2010	416454		
Printing and Scanning	PostScript3	PostScript3 Unit Type M1	416474		
	NetWare Option	SD card for NetWare printing Type M1	416476		
	Memory Unit	Memory Unit Type M1 1.5GB	416463		

Machine and Option EDP Codes - Aficio MP 2001SP and MP 2501SP					
	Unicode Font Package	Unicode Font Package for SAP 1 License	413009	HDD	
	Unicode Font Package	Unicode Font Package for SAP 10 License	413010	HDD	
	Unicode Font Package	Unicode Font Package for SAP 100 License	413011	HDD	
Fax	Fax Option	Fax Option Type M1	416458		Fax connection unit
	Fax Connection Unit	Fax Connection Unit Type M1	416471	Network connection to a compatible Aficio MFP with a fax option	Fax option
	Fax Marker	Marker Type 30	334049	Fax option	
Interfaces	Parallel Interface	IEEE 1284 Interface Board Type A	411699		Wireless or bluetooth interface
	Wireless Interface (a/g)	IEEE 802.11a/g Interface Unit Type J	414009		Wireless (g), parallel or bluetooth interface
	Wireless Interface (g)	IEEE 802.11g Interface Unit Type K	414186		Wireless (a/g), parallel or bluetooth interface
	Bluetooth Interface	Bluetooth Interface Unit Type D	415818		Wireless or parallel interface
Document	HDD Option	Hard Disk Drive Option Type M1	416462		
Server	VM Card	VM CARD Type U	416164	HDD & memory unit	
	Browser Unit	Browser Unit Type M1	416465	HDD	
	File Format Converter	File Format Converter Type E	414007	HDD	
Security	Copy Data Security Unit	Copy Data Security Unit Type G	416391	HDD	
	Optional Counter Interface Unit	Optional Counter Interface Unit Type A	413012	Key counter bracket	
	Key Counter Bracket	Key Counter Bracket	TBA		

* Developer is supplied as a service part and is NOT included with the mainframe

OI Kits - Aficio MP 2001SP and MP 2501SP					
Language	Description	EDP Code	Language	Description	EDP Code
English	OI2501EN	983663	Norwegian	OI2501NR	983658
French	OI2501FR	983324	Portuguese	OI2501PR	983333
German	OI2501GE	983662	Polish	OI2501PL	983657
Italian	OI2501IT	983661	Finnish	OI2501FN	983335
Dutch	OI2501NL	983327	Danish	OI2501DN	983487
Spanish	OI2501SP	983660	Catalan	OI2501CA	983488
Swedish	OI2501SW	983329	Turkish	OI2501TU	983489
Czech	OI2501CZ	983659	Russian	OI2501RU	983490
Hungarian	OI2501HN	983331	Greek	OI2501GR	983491

12. Competition

- **Broad product range more closely meets customers' needs**
- **Copier, MFP and workflow solutions**
- **Compact design saves space**
- **Icon-based drivers and colour touchscreen simplify operation (SP models)**
- **Fast warm up, first copy and throughput drive productivity**
- **Colur scanning standard on (L and SP models)**

Five Star Advantages

We have compared the specifications of the MFPs against the specifications of their closest competitors, identifying five star advantages against each.

Data was obtained from the web and from brochures. Whilst care was taken to ensure that information is accurate, no liability will be accepted for errors and omissions.

The models compared are:

Aficio MP 2001	versus	Kyocera TASKalpha 180
★★★★★		
Aficio MP 2001L	versus	Canon iR 2520 Kyocera TASKalpha 181 Sharp MX-M182D Sharp MX-M202D Toshiba eSTUDIO 195 Xerox WorkCentre 5020
★★★★★		
Aficio MP 2501L	versus	Canon iR 2525 Kyocera TASKalpha 220 Toshiba eSTUDIO 223 Toshiba eSTUDIO 225 Toshiba eSTUDIO 243
★★★★★		
Aficio MP 2001L	versus	Canon iR 2520i Konica Minolta bizhub 215
★★★★★		
Aficio MP 2001L	versus	Canon iR 2525i Konica Minolta bizhub 223 Kyocera FS-6525MFP Kyocera TASKalpha 221 Sharp MX-M232D Sharp MX-M260 Xerox WorkCentre 5325
★★★★★		

Model	Ricoh Aficio MP 2001L	Canon iR 2520	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	681 x 565 x 680 mm	Compact design saves space ★
Weight	37 kg	50.5 kg	
Memory (std/max)	128MB RAM/128MB RAM	256MB RAM/512MB RAM	
Control panel	Keypad & 4 line LCD	Keypad and touch screen	
Performance			
Warm-up Time	10 sec	30 sec	Reduced waiting time ★
First Page	6.5 sec	6.4 sec	
Multi Page (A4/A3)	20/TBA cpm	20/15 cpm	
Duty Cycle	30,000 impressions	65,000 impressions	
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A4 and A3 stock online ★
Capacity (std/max)	350/1350 sheets	250/2000 sheets	
Paper Weights (tray)	60 to 90 gsm	64 to 90 gsm	
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt ARDF	Opt RADF	
Capacity (spd/cap)	TBA opm/50 orig	35 opm/100 orig	Speeds scanning process ★
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/64 to 128 gsm	Feed card and envelopes ★
Facsimile			
Modem Speed	Not Applicable	33.6 Kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	200/500	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	25/34 ipm	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	Opt	
Scan-to			
E-mail	Not Applicable	Opt	
FTP	Not Applicable	Opt	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	400MHz	
PDL (std/opt)	GDI	GDI / PCL, PS3	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	Ethernet / USB	
Resolution	600 x 600 dpi	1200 x 1200 dpi	
Options	Platen cover	PostScript 3	
	ARDF	Accessibility handle	
	ADF handle	Power supply	
	Paper feed 250 sheets	Paper-feed 550 sheets	
	Paper feed 2 x 250 sheets	Paper-feed 2 x 550 sheets	
	Cabinet	Document tray	
	Network interface	Tray for internal finisher	
		Internal finisher	
		Inner two-way tray	
		Two way unit	
		Pedestal	
		Platen cover	
		Colour Send kit	
		Searchable PDF kit	
		Fax	
		USB inteface	
		System upgrade	
		Barcode	
		PCL 6	
		PostScript 3	

Model	Ricoh Aficio MP 2001SP	Canon iR 2520i	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	460 x 587 x 568 mm	681 x 565 x 680 mm	Compact design saves space ★
Weight	38.5 kg	56 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	512MB RAM/512MB RAM	Process large documents
Control panel	Colour touch screen	Keypad and touch screen	Easier to use
Performance			
Warm-up Time	20 sec	30 sec	Reduced waiting time
First Page	6 sec	6.4 sec	Faster one-off prints and copies
Multi Page (A4/A3)	20/TBA cpm	20/15 cpm	
Duty Cycle	30,000 impressions	65,000 impressions	
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A4 and A3 stock online ★
Capacity (std/max)	350/1350 sheets	250/2000 sheets	
Paper Weights (tray)	60 to 105 gsm	64 to 90 gsm	Print onto premium 100 gsm stock ★
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt RADF	Std RADF	
Capacity (spd/cap)	TBA opm/100 orig	25 opm/100 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/64 to 128 gsm	Feed card and envelopes
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	200/500	
Speed Dial	1000 std/2000 max	300	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	13/25 ipm	Fast colour scanning facility
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	No	Save documents to optional document server ★
URL	Yes	No	Reduce network traffic by forwarding a URL
Printer			
Processor	533MHz	400MHz	Process complex documents faster
PDL (std/opt)	PCL / PS3	GDI, PCL / PS3	Single-click PCL printing as standard ★
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	Ethernet / USB	Wide range of networking options
Resolution	600 x 600 dpi	1200 x 1200 dpi	
Options	Platen cover	RADF	
	ARDF	Envelope feeder	
	ADF handle	Paper drawer 250 sheets	
	Paper feed 250 sheets	Paper-feed 550 sheets	
	Paper feed 2 x 250 sheets	Paper-feed 2 x 550 sheets	
	Cabinet	Document tray	
	1 bin tray	Tray for internal finisher	
	Fax	Internal finisher	
	Fax stamp	Inner two-way tray	
	Remote fax	Two way unit	
	PostScript 3	Pedestal	
	Wireless interface	Platen cover	
	Parallel interface	Colour Send kit	
	Bluetooth interface	Fax	
	SD card for Netware	USB inteface	
	Unicode fonts package	Barcode	
	250GB HDD	PostScript 3	
	VM card	Accessibility handle	
	Browser	Power supply	
	File format converter		

Model	Ricoh Aficio MP 2501L	Canon iR 2525	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	529 x 587 x 568 mm	806 x 565 x 680 mm	Compact design saves space ★
Weight	47 kg	68 kg	
Memory (std/max)	128MB RAM/128MB RAM	256MB RAM/512MB RAM	
Control panel	Keypad & 4 line LCD	Keypad and touch screen	
Performance			
Warm-up Time	10 sec	30 sec	Reduced waiting time ★
First Page	6.5 sec	5.4 sec	
Multi Page (A4/A3)	25/TBA cpm	25/15 cpm	
Duty Cycle	30,000 impressions	80,000 impressions	
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	1100/2300 sheets	
Paper Weights (tray)	60 to 90 gsm	64 to 90 gsm	
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt ARDF	Opt RADF	
Capacity (spd/cap)	TBA opm/50 orig	35 opm/100 orig	Speeds scanning process ★
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/64 to 128 gsm	Feed card and envelopes ★
Facsimile			
Modem Speed	Not Applicable	33.6 Kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	200/500	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	25/34 ipm black	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	Opt	
Scan-to			
E-mail	Not Applicable	Opt	
FTP	Not Applicable	Opt	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	400MHz	
PDL (std/opt)	GDI	GDI / PCL, PS3	Simple icon-based GDI print driver ★
Interface (std/opt)	Ethernet / USB	Ethernet / USB	
Resolution	600 x 600 dpi	1200 x 1200 dpi	
Options	Platen cover	PostScript 3	
	ARDF	Accessibility handle	
	ADF handle	Power supply	
	Paper feed 250 sheets	Paper-feed 2 x 550 sheets	
	Paper feed 2 x 250 sheets	Document tray	
	Cabinet	Tray for internal finisher	
	Network interface	Internal finisher	
		Inner two-way tray	
		Two way unit	
		Pedestal	
		Platen cover	
		Colour Send kit	
		Searchable PDF kit	
		Fax	
		USB inteface	
		System upgrade	
		Barcode	
		PCL 6	
		PostScript 3	
		Accessibility handle	

Model	Ricoh Aficio MP 2501SP	Canon iR 2525i	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	806 x 565 x 680 mm	Compact design saves space
Weight	43 kg	77.5 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	512MB RAM/512MB RAM	Process large documents
Control panel	Colour touch screen	Keypad and touch screen	Easier to use ★
Performance			
Warm-up Time	20 sec	30 sec	Reduced waiting time
First Page	6 sec	5.4 sec	Faster one-off prints and copies
Multi Page (A4/A3)	25/TBA cpm	25/15 cpm	
Duty Cycle	30,000 impressions	80,000 impressions	
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	1100/2300 sheets	
Paper Weights (tray)	60 to 105 gsm	64 to 90 gsm	Print onto premium 100 gsm stock ★
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt RADF	Std RADF	
Capacity (spd/cap)	TBA opm/100 orig	25 opm/100 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/64 to 128 gsm	Feed card and envelopes
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	200/500	
Speed Dial	1000 std/2000 max	300	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	13/25 ipm	Fast colour scanning facility ★
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	No	Save documents to optional document server ★
URL	Yes	No	Reduce network traffic by forwarding a URL
Printer			
Processor	533MHz	400MHz	Process complex documents faster
PDL (std/opt)	PCL / PS3	GDI, PCL / PS3	Single-click PCL printing as standard ★
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	Ethernet / USB	Wide range of networking options
Resolution	600 x 600 dpi	1200 x 1200 dpi	
Options	Platen cover	RADF	
	ARDF	Envelope feeder	
	ADF handle	Paper drawer 250 sheets	
	Paper feed 250 sheets	Paper-feed 2 x 550 sheets	
	Paper feed 2 x 250 sheets	Document tray	
	Cabinet	Tray for internal finisher	
	1 bin tray	Internal finisher	
	Fax	Inner two-way tray	
	Fax stamp	Two way unit	
	Remote fax	Pedestal	
	PostScript 3	Platen cover	
	Wireless interface	Colour Send kit	
	Parallel interface	Fax	
	Bluetooth interface	USB inteface	
	SD card for Netware	Barcode	
	Unicode fonts package	PostScript 3	
	250GB HDD	Accessibility handle	
	VM card	Power supply	
	Browser		
	File format converter		

Model	Ricoh Aficio MP 2001SP	Kon-Min bizhub 215	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	460 x 587 x 568 mm	458 x 570 x 570 mm	
Weight	38.5 kg	26.5 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	128MB RAM/128MB RAM	Process large documents
Control panel	Colour touch screen	Keypad	Easier to use
Performance			
Warm-up Time	20 sec	15 sec	
First Page	6 sec	6.5 sec	Faster one-off prints and copies
Multi Page (A4/A3)	20/TBA cpm	21/7.8 cpm	5% more productive
Duty Cycle	30,000 impressions	Info not avail	
Paper Supply			
Stations (std/max)	2/4	1/6	Hold A4 and A3 stock online
Capacity (std/max)	350/1350 sheets	250/1350 sheets	
Paper Weights (tray)	60 to 105 gsm	64 to 157 gsm	
Output Size (min/max)	A6/A3	A5/A3	
Document Handling			
Document Feed	Opt RADF	Opt RADF	
Capacity (spd/cap)	TBA opm/100 orig	46 opm/70 orig	
Duplex	Standard	Option	Printing double-sided saves paper
Bypass (cap/wght)	Std 100/52 to 162 gsm	Opt 100/64 to 157 gsm	Feed letterhead paper and other non std media
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	32/50	Quickly send one document to multiple recipients
Speed Dial	1000 std/2000 max	250	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	20/46 ipm	Fast colour scanning facility
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Opt	
FTP	Yes	Opt	
HDD	Yes (requires HDD)	No	Save documents to optional document server
URL	Yes	No	Reduce network traffic by forwarding a URL
Printer			
Processor	533MHz	120MHz	Process complex documents faster
PDL (std/opt)	PCL / PS3	GDI / PCL, XPS	Single-click PCL printing as standard
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	None / Ethernet, Wireless	Wide range of networking options
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Bypass tray	
	ADF handle	Paper drawer 250 sheets	
	Paper feed 250 sheets	Duplex unit	
	Paper feed 2 x 250 sheets	Cabinet	
	Cabinet	Operation panel	
	1 bin tray	Platen cover	
	Fax	Fax	
	Fax stamp	IPrint controller PCL	
	Remote fax	Wireless adapter	
	PostScript 3	NIC	
	Wireless interface	Key counter	
	Parallel interface		
	Bluetooth interface		
	SD card for Netware		
	Unicode fonts package		
	250GB HDD		
	VM card		
	Browser		
	File format converter		

Model	Ricoh Aficio MP 2501SP	Kon-Min bizhub 223	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	700 x 623 x 794 mm	Compact design saves space ★
Weight	43 kg	66 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	2GB RAM/2GB RAM, 250GB HD	
Control panel	Colour touch screen	Keypad and col touch screen	Easier to use ★
Performance			
Warm-up Time	20 sec	25 sec	Reduced waiting time ★
First Page	6 sec	4.2 sec	
Multi Page (A4/A3)	25/TBA cpm	22/14 cpm	13% more productive ★
Duty Cycle	30,000 impressions	19,000 impressions	Handle greater peak volumes ★
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	1000/3650 sheets	
Paper Weights (tray)	60 to 90 gsm	60 to 90 gsm	
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt RADF	Opt RADF	
Capacity (spd/cap)	TBA opm/100 orig	70 opm/100 orig	
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 150/60 to 210 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	Info not avail	
Broadcast (Grps/Dest)	100/500	Info not avail	
Speed Dial	1000 std/2000 max	Info not avail	
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	70/70 ipm	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	Yes	
URL	Yes	INA	
Printer			
Processor	533MHz	667MHz	
PDL (std/opt)	PCL / PS3	PCL, PS3, XPS	
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	Ethernet / USB, Wireless	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	LCT 2,500 sheets	
	ADF handle	Paper-feed 500 sheets	
	Paper feed 250 sheets	Paper-feed2 x 500 sheets	
	Paper feed 2 x 250 sheets	Finisher	
	Cabinet	Internal finisher	
	1 bin tray	Job separator tray	
	Fax	Punch 4 hole	
	Fax stamp	Punch 2 hole	
	Remote fax	Saddle-stitch unit	
	PostScript 3	Cabinet	
	Wireless interface	Keyboard holder	
	Parallel interface	Platen cover	
	Bluetooth interface	Fax	
	SD card for Netware	Fax mount kit	
	Unicode fonts package	Fax stamp	
	250GB HDD	Wireless adapter	
	VM card	USB & Bluetooth inteface	
	Browser	USB interface	
	File format converter	250GB HDD	

Model	Ricoh Aficio MP 2501SP	Kyocera FS-6525MFP	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	694 x 590 x 590 mm	Compact design saves space ★
Weight	43 kg	52.2 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	1GB RAM/2GB RAM	
Control panel	Colour touch screen	Keypad and col touch screen	Easier to use ★
Performance			
Warm-up Time	20 sec	20 sec	
First Page	6 sec	7.8 sec	Faster one-off prints and copies ★
Multi Page (A4/A3)	25/TBA cpm	25/12 cpm	
Duty Cycle	30,000 impressions	80,000 impressions	
Paper Supply			
Stations (std/max)	2/5	1/4	Hold A3 and A4 stock online
Capacity (std/max)	600/1600 sheets	500/1600 sheets	
Paper Weights (tray)	60 to 105 gsm	60 to 163 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt RADF	Std RADF	
Capacity (spd/cap)	TBA opm/100 orig	20 opm/50 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/45 to 256 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	50/Info not avail	
Speed Dial	1000 std/2000 max	Info not avail	
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	20/40 ipm	Fast colour scanning facility ★
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	NA	Save documents to integral document server ★
URL	Yes	INA	Reduce network traffic by forwarding a URL
Printer			
Processor	533MHz	800MHz	
PDL (std/opt)	PCL / PS3	PCL / PS3	
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	Ethernet / Gigabit Ethernet	Wide range of networking options
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	Paper drawer 500 sheets	
	ARDF	Paper-feed 2 x 500 sheets	
	ADF handle	Finisher	
	Paper feed 250 sheets	Finisher bridge	
	Paper feed 2 x 250 sheets	Cabinet	
	Cabinet	Fax	
	1 bin tray	Gigabit Ethernet	
	Fax	1GB memory	
	Fax stamp	4GB Compact Flash	
	Remote fax	Card authentication kit	
	PostScript 3	ThinPrint support	
	Wireless interface		
	Parallel interface		
	Bluetooth interface		
	SD card for Netware		
	Unicode fonts package		
	250GB HDD		
	VM card		
	Browser		
	File format converter		

Model	Ricoh Aficio MP 2001	Kyocera TASKalfa 180	Advantages
Functionality			
Copier	Std	Std	
Printer	No	Opt	
Fax	No	No	
Scanner	No	No	
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	502 x 568 x 546 mm	
Weight	35 kg	32 kg	
Memory (std/max)	TBA RAM/-	32MB RAM/160MB RAM	
Control panel	Keypad	Keypad	
Performance			
Warm-up Time	10 sec	17.2 sec	Reduced waiting time
First Page	6.5 sec	5.7 sec	
Multi Page (A4/A3)	20/TBA cpm	18/8 cpm	11% more productive
Duty Cycle	30,000 impressions	20,000 impressions	Handle greater peak volumes
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A3 and A4 stock online
Capacity (std/max)	350/1350 sheets	300/1300 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	64 to 105 gsm	
Output Size (min/max)	A6/A3	A5/A3	
Document Handling			
Document Feed	Opt ARDF	Opt RADF	
Capacity (spd/cap)	TBA opm/50 orig	22 opm/50 orig	
Duplex	None	Option	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/45 to 160 gsm	
Facsimile			
Modem Speed	Not Applicable	Not applicable	
Multiple Lines	Not Applicable	Not applicable	
Broadcast (Grps/Dest)	Not Applicable	Not applicable	
Speed Dial	Not Applicable	Not applicable	
Scanner			
Speed (col/mon)	Not Applicable	Not applicable	
TWAIN Compatible	Not Applicable	Not applicable	
LDAP Support	Not Applicable	Not applicable	
Scan-to			
E-mail	Not Applicable	Not applicable	
FTP	Not Applicable	Not applicable	
HDD	Not Applicable	Not applicable	
URL	Not Applicable	Not applicable	
Printer			
Processor	Not Applicable	150MHz	
PDL (std/opt)	Not Applicable	GDI	
Interface (std/opt)	Not Applicable	None / Ethernet	
Resolution	Not Applicable	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Paper drawer 300 sheets	
	ADF handle	Duplex	
	Paper feed 250 sheets	Platen cover	
	Paper feed 2 x 250 sheets	Cabinet	
	Cabinet	Print option GDI	
		Ethernet print server	
		128MB memory	
		32MB memory	
		4GB Compact Flash	
		64MB memory	
		Barcode	

Model	Ricoh Aficio MP 2001L	Kyocera TASKalfa 181	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Opt (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	502 x 568 x 594 mm	
Weight	37 kg	34 kg	
Memory (std/max)	128MB RAM/128MB RAM	64MB RAM/192MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use ★
Performance			
Warm-up Time	10 sec	17.2 sec	Reduced waiting time
First Page	6.5 sec	5.7 sec	
Multi Page (A4/A3)	20/TBA cpm	18/8 cpm	11% more productive ★
Duty Cycle	30,000 impressions	20,000 impressions	Handle greater peak volumes
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A3 and A4 stock online ★
Capacity (std/max)	350/1350 sheets	300/1300 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	64 to 105 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents ★
Document Handling			
Document Feed	Opt ARDF	Opt RADF	
Capacity (spd/cap)	TBA opm/50 orig	22 opm/50 orig	
Duplex	Standard	Option	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/45 to 160 gsm	
Facsimile			
Modem Speed	Not Applicable	33.6 Kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	80/232	Quickly send one document to multiple recipients
Speed Dial	Not Applicable	200	
Scanner			
Speed (col/mon)	TBA/TBA ipm	NA/22 ipm (mono only)	Fast colour scanning facility
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	Yes	
FTP	Not Applicable	No	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	500MHz	
PDL (std/opt)	GDI	PCL, PS3, PRESCRIBE	
Interface (std/opt)	Ethernet / USB	Ethernet / Gig Ether, W'less	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Paper drawer 300 sheets	
	ADF handle	Duplex	
	Paper feed 250 sheets	Internal finisher	
	Paper feed 2 x 250 sheets	Job separator	
	Cabinet	Platen cover	
	Network interface	Cabinet	
		Fax	
		Ethernet print server	
		Network scanning	
		Gigabit ethernet	
		Wireless interface	
		128MB memory	
		1GB memory	
		256MB memory	
		32MB fax memory	
		32MB memory	
		40GB HDD	
		4GB Compact Flash	
		512MB memory	

Model	Ricoh Aficio MP 2501L	Kyocera TASKalfa 220	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Opt	Printing included in price ★
Fax	No	No	
Scanner	Std (colour)	No	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	529 x 587 x 568 mm	502 x 568 x 546 mm	
Weight	47 kg	32 kg	
Memory (std/max)	128MB RAM/128MB RAM	32MB RAM/160MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	17.2 sec	Reduced waiting time
First Page	6.5 sec	5.7 sec	
Multi Page (A4/A3)	25/TBA cpm	22/10 cpm	13% more productive ★
Duty Cycle	30,000 impressions	30,000 impressions	
Paper Supply			
Stations (std/max)	2/5	1/5	Hold A3 and A4 stock online
Capacity (std/max)	600/1600 sheets	300/1300 sheets	Fewer breaks for paper replenshment
Paper Weights (tray)	60 to 90 gsm	64 to 105 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Opt RADF	
Capacity (spd/cap)	TBA opm/50 orig	22 opm/50 orig	Speeds scanning process
Duplex	Standard	Option	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/45 to 160 gsm	
Facsimile			
Modem Speed	Not Applicable	Not applicable	
Multiple Lines	Not Applicable	Not applicable	
Broadcast (Grps/Dest)	Not Applicable	Not applicable	
Speed Dial	Not Applicable	Not applicable	
Scanner			
Speed (col/mon)	6/17.5 ipm	Not applicable	
TWAIN Compatible	Yes	Not applicable	
LDAP Support	No	Not applicable	
Scan-to			
E-mail	Not Applicable	NA	
FTP	Not Applicable	NA	
HDD	Not Applicable	NA	
URL	Not Applicable	INA	
Printer			
Processor	220MHz	150MHz	
PDL (std/opt)	GDI	GDI	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None / Ethernet	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Paper drawer 300 sheets	
	ADF handle	Duplex	
	Paper feed 250 sheets	Platen cover	
	Paper feed 2 x 250 sheets	Cabinet	
	Cabinet	Print option GDI	
	Network interface	Ethernet print server	
		128MB memory	
		32MB memory	
		4GB Compact Flash	
		64MB memory	
		Barcode	

Model	Ricoh Aficio MP 2501SP	Kyocera TASKalfa 221	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Opt (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	607 x 568 x 594 mm	
Weight	43 kg	40 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	64MB RAM/192MB RAM	Process large documents
Control panel	Colour touch screen	Keypad	Easier to use ★
Performance			
Warm-up Time	20 sec	17.2 sec	
First Page	6 sec	5.7 sec	
Multi Page (A4/A3)	25/TBA cpm	22/10 cpm	13% more productive ★
Duty Cycle	30,000 impressions	30,000 impressions	
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	600/1300 sheets	Fewer breaks for paper replenshment
Paper Weights (tray)	60 to 105 gsm	64 to 105 gsm	
Output Size (min/max)	A6/A3	A5/A3	
Document Handling			
Document Feed	Opt RADF	Opt RADF	
Capacity (spd/cap)	TBA opm/100 orig	22 opm/50 orig	Speeds scanning process
Duplex	Standard	Option	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/45 to 160 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	80/232	Quickly send one document to multiple recipients
Speed Dial	1000 std/2000 max	200	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	NA/22 ipm (mono only)	Fast colour scanning facility
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	No	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	No	Share documents across different platforms
HDD	Yes (requires HDD)	No	Save documents to integral document server ★
URL	Yes	No	Reduce network traffic by forwarding a URL
Printer			
Processor	533MHz	500MHz	
PDL (std/opt)	PCL / PS3	PCL, PS3, PRESCRIBE	
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	Ethernet / Gig Eth, W'less	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Paper drawer 300 sheets	
	ADF handle	Duplex	
	Paper feed 250 sheets	Internal finisher	
	Paper feed 2 x 250 sheets	Job separator	
	Cabinet	Platen cover	
	1 bin tray	Cabinet	
	Fax	Fax	
	Fax stamp	Ethernet print server	
	Remote fax	Network scanning	
	PostScript 3	Gigabit ethernet	
	Wireless interface	Wireless interface	
	Parallel interface	128MB memory	
	Bluetooth interface	1GB memory	
	SD card for Netware	256MB memory	
	Unicode fonts package	32MB fax memory	
	250GB HDD	32MB memory	
	VM card	40GB HDD	
	Browser	4GB Compact Flash	
	File format converter	512MB memory	

Model	Ricoh Aficio MP 2001L	Sharp MX-M182D	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	495 x 591 x 573 mm	
Weight	37 kg	29.6 kg	
Memory (std/max)	128MB RAM/128MB RAM	128MB RAM/256MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time
First Page	6.5 sec	7.2 sec	Faster one-off prints and copies
Multi Page (A4/A3)	20/TBA cpm	18/INA cpm	11% more productive
Duty Cycle	30,000 impressions	Info not avail	
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A3 and A4 stock online
Capacity (std/max)	350/1350 sheets	250/1100 sheets	Fewer breaks for paper replenshment
Paper Weights (tray)	60 to 90 gsm	56 to 90 gsm	
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt ARDF	Opt ADF and RADF	
Capacity (spd/cap)	TBA opm/50 orig	Info not avail/40 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/56 to 200 gsm	
Facsimile			
Modem Speed	Not Applicable	33.6 Kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	50/200	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	No Information	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	Yes	
Scan-to			
E-mail	Not Applicable	Yes	
FTP	Not Applicable	Yes	
HDD	Not Applicable	No	
URL	Not Applicable	Yes	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI / PCl, PS3	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None / Ethernet	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	SPF	
	ADF handle	Paper-feed 250 sheets	
	Paper feed 250 sheets	Paper-feed 2 x 250 sheets	
	Paper feed 2 x 250 sheets	Job separator tray	
	Cabinet	Cabinet	
	Network interface	Platen cover	
		Fax	
		Fax mount kit	
		Network printing	
		128MB memory	
		PostScript 3	
		Sharpdesk license	

Model	Ricoh Aficio MP 2001L	Sharp MX-M202D	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	595 x 591 x 573 mm	
Weight	37 kg	35 kg	
Memory (std/max)	128MB RAM/128MB RAM	128MB RAM/256MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time
First Page	6.5 sec	7.2 sec	Faster one-off prints and copies
Multi Page (A4/A3)	20/TBA cpm	20/INA cpm	
Duty Cycle	30,000 impressions	Info not avail	
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A3 and A4 stock online
Capacity (std/max)	350/1350 sheets	250/1100 sheets	Fewer breaks for paper replenshment
Paper Weights (tray)	60 to 90 gsm	56 to 90 gsm	
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt ARDF	Opt ADF and RADF	
Capacity (spd/cap)	TBA opm/50 orig	Info not avail/40 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/56 to 200 gsm	
Facsimile			
Modem Speed	Not Applicable	33.6 Kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	50/200	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	No Information	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	Yes	
Scan-to			
E-mail	Not Applicable	Yes	
FTP	Not Applicable	Yes	
HDD	Not Applicable	No	
URL	Not Applicable	Yes	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI / PCl, PS4	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None / Ethernet	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	SPF	
	ADF handle	Paper-feed 250 sheets	
	Paper feed 250 sheets	Paper-feed 2 x 250 sheets	
	Paper feed 2 x 250 sheets	Job separator tray	
	Cabinet	Cabinet	
	Network interface	Platen cover	
		Fax	
		Fax mount kit	
		Network printing	
		128MB memory	
		PostScript 3	
		Sharpdesk license	

Model	Ricoh Aficio MP 2501SP	Sharp MX-M232D	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	595 x 591 x 573 mm	
Weight	43 kg	35 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	128MB RAM/256MB RAM	Process large documents
Control panel	Colour touch screen	Keypad	Easier to use ★
Performance			
Warm-up Time	20 sec	25 sec	
First Page	6 sec	5.9 sec	
Multi Page (A4/A3)	25/TBA cpm	23/INA cpm	8.5% more productive ★
Duty Cycle	30,000 impressions	Info not avail	
Paper Supply			
Stations (std/max)	2/5	1/5	Hold A3 and A4 stock online ★
Capacity (std/max)	600/1600 sheets	250/1100 sheets	Fewer breaks for paper replenshment
Paper Weights (tray)	60 to 105 gsm	56 to 90 gsm	Print onto premium 100 gsm stock
Output Size (min/max)	A6/A3	A6/A3	
Document Handling			
Document Feed	Opt RADF	Opt ADF and RADF	
Capacity (spd/cap)	TBA opm/100 orig	Info not avail/40 orig	Speeds scanning process
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/56 to 200 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	50/200	Quickly send one document to multiple recipients
Speed Dial	1000 std/2000 max	300	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	No Information	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	No	Save documents to integral document server
URL	Yes	Yes	
Printer			
Processor	533MHz	No Information	
PDL (std/opt)	PCL / PS3	GDI / PCl, PS5	Single-click PCL printing as standard ★
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	None / Ethernet	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	SPF	
	ADF handle	Paper-feed 250 sheets	
	Paper feed 250 sheets	Paper-feed 2 x 250 sheets	
	Paper feed 2 x 250 sheets	Job separator tray	
	Cabinet	Cabinet	
	1 bin tray	Platen cover	
	Fax	Fax	
	Fax stamp	Fax mount kit	
	Remote fax	Network printing	
	PostScript 3	128MB memory	
	Wireless interface	PostScript 3	
	Parallel interface	Sharpdesk license	
	Bluetooth interface		
	SD card for Netware		
	Unicode fonts package		
	250GB HDD		
	VM card		
	Browser		
	File format converter		

Model	Ricoh Aficio MP 2501SP	Sharp MX-M260	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Opt	Colour scanning included as standard ★
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	653 x 623 x 628 mm	Compact design saves space ★
Weight	43 kg	52 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	32MB RAM/1GB RAM	Process large documents
Control panel	Colour touch screen	Keypad and touch screen	Easier to use ★
Performance			
Warm-up Time	20 sec	23 sec	
First Page	6 sec	4.8 sec	
Multi Page (A4/A3)	25/TBA cpm	26/14 cpm	
Duty Cycle	30,000 impressions	Info not avail	
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	1000/2100 sheets	
Paper Weights (tray)	60 to 105 gsm	56 to 105 gsm	
Output Size (min/max)	A6/A3	A5/A3	
Document Handling			
Document Feed	Opt RADF	Opt RADF	
Capacity (spd/cap)	TBA opm/100 orig	Info not avail/100 orig	
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 100/56 to 200 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	No	
Broadcast (Grps/Dest)	100/500	200/200	Quickly send one document to multiple recipients
Speed Dial	1000 std/2000 max	500	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	No Information	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	INA	Save documents to integral document server ★
URL	Yes	Yes	
Printer			
Processor	533MHz	300MHz	
PDL (std/opt)	PCL / PS3	PCL / PS3	
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	None / Ethernet	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	RADF	
	ARDF	Paper-feed 500 sheets	
	ADF handle	Paper-feed 2 x 500 sheets	
	Paper feed 250 sheets	Catch tray	
	Paper feed 2 x 250 sheets	Internal finisher	
	Cabinet	Job separator tray	
	1 bin tray	Cabinet two tray	
	Fax	Platen cover	
	Fax stamp	Application integration	
	Remote fax	Fax option	
	PostScript 3	PCL print server & NIC	
	Wireless interface	Network scanning	
	Parallel interface	256MB memory	
	Bluetooth interface	512MB memory	
	SD card for Netware	8MB fax memory	
	Unicode fonts package	Font/form storage	
	250GB HDD	Barcode	
	VM card	PostScript 3	
	Browser	Data security kit	
	File format converter	Sharpdesk license	

Model	Ricoh Aficio MP 2001L	Toshiba e-STUDIO195	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	463 x 600 x 659 mm	Compact design saves space ★
Weight	37 kg	32 kg	
Memory (std/max)	128MB RAM/128MB RAM	112MB RAM/112MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time ★
First Page	6.5 sec	7.6 sec	Faster one-off prints and copies
Multi Page (A4/A3)	20/TBA cpm	19/11 cpm	5% more productive ★
Duty Cycle	30,000 impressions	81,000 impressions	
Paper Supply			
Stations (std/max)	2/4	1/5	Hold A3 and A4 stock online
Capacity (std/max)	350/1350 sheets	250/1700 sheets	
Paper Weights (tray)	60 to 90 gsm	64 to 80 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Opt ADF and RADF	
Capacity (spd/cap)	TBA opm/50 orig	16 opm/100 orig	Speeds scanning process
Duplex	Standard	Option	
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/50 to 163 gsm	
Facsimile			
Modem Speed	Not Applicable	33.6 kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	50/300	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	NA/20 ipm (mono only)	Speeds scanning process
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	Yes	
FTP	Not Applicable	Yes	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None / Ethernet	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	ADF	
	ARDF	RADF	
	ADF handle	Paper drawer 250 sheets	
	Paper feed 250 sheets	Paper drawer 550 sheets	
	Paper feed 2 x 250 sheets	Paper feed controller	
	Cabinet	Paper feed 550 sheets	
	Network interface	Duplex	
		Desk	
		Heater	
		Keyboard	
		Platen cover	
		Pocket for manual	
		Fax	
		Network printing	
		Network scanning	

Model	Ricoh Aficio MP 2501L	Toshiba e-STUDIO223	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	No	
Scanner	Std (colour)	Std (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	529 x 587 x 568 mm	463 x 643 x 600 mm	Compact design saves space ★
Weight	47 kg	32 kg	
Memory (std/max)	128MB RAM/128MB RAM	32MB RAM/96MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time
First Page	6.5 sec	7.1 sec	Faster one-off prints and copies
Multi Page (A4/A3)	25/TBA cpm	22/12 cpm	13.5% more productive ★
Duty Cycle	30,000 impressions	90,000 impressions	
Paper Supply			
Stations (std/max)	2/5	1/3	Hold A3 and A4 stock online
Capacity (std/max)	600/1600 sheets	250/600 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	64 to 80 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Opt ADF	
Capacity (spd/cap)	TBA opm/50 orig	16 opm/100 orig	Speeds scanning process
Duplex	Standard	None	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/50 to 163 gsm	
Facsimile			
Modem Speed	Not Applicable	Not applicable	
Multiple Lines	Not Applicable	Not applicable	
Broadcast (Grps/Dest)	Not Applicable	Not applicable	
Speed Dial	Not Applicable	Not applicable	
Scanner			
Speed (col/mon)	6/17.5 ipm	NA/20 ipm (mono only)	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	No	
FTP	Not Applicable	No	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	ADF	
	ARDF	Paper drawer 250 sheets	
	ADF handle	Desk	
	Paper feed 250 sheets	Heater	
	Paper feed 2 x 250 sheets	Pocket for manual	
	Cabinet	64MB memory	
	Network interface		

Model	Ricoh Aficio MP 2501L	Toshiba e-STUDIO225	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	Opt	
Scanner	Std (colour)	Std (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	529 x 587 x 568 mm	463 x 600 x 659 mm	Compact design saves space ★
Weight	47 kg	32 kg	
Memory (std/max)	128MB RAM/128MB RAM	112MB RAM/112MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time
First Page	6.5 sec	7.1 sec	Faster one-off prints and copies
Multi Page (A4/A3)	25/TBA cpm	22/13 cpm	13.5% more productive ★
Duty Cycle	30,000 impressions	90,000 impressions	
Paper Supply			
Stations (std/max)	2/5	1/5	Hold A3 and A4 stock online
Capacity (std/max)	600/1600 sheets	250/1700 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	64 to 80 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Opt ADF and RADF	
Capacity (spd/cap)	TBA opm/50 orig	20 opm/100 orig	Speeds scanning process
Duplex	Standard	Option	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/50 to 163 gsm	
Facsimile			
Modem Speed	Not Applicable	33.6 kbps	
Multiple Lines	Not Applicable	No	
Broadcast (Grps/Dest)	Not Applicable	50/300	
Speed Dial	Not Applicable	300	
Scanner			
Speed (col/mon)	6/17.5 ipm	NA/20 ipm (mono only)	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	Yes	
FTP	Not Applicable	Yes	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None / Ethernet	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	ADF	
	ARDF	RADF	
	ADF handle	Paper drawer 250 sheets	
	Paper feed 250 sheets	Paper drawer 550 sheets	
	Paper feed 2 x 250 sheets	Paper feed controller	
	Cabinet	Paper feed 550 sheets	
	Network interface	Duplex	
		Desk	
		Heater	
		Keyboard	
		Platen cover	
		Pocket for manual	
		Fax	
		Network printing	
		Network scanning	

Model	Ricoh Aficio MP 2501L	Toshiba e-STUDIO243	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	No	
Scanner	Std (colour)	Std (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	529 x 587 x 568 mm	463 x 643 x 600 mm	Compact design saves space ★
Weight	47 kg	32 kg	
Memory (std/max)	128MB RAM/128MB RAM	32MB RAM/96MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	25 sec	Reduced waiting time
First Page	6.5 sec	7.1 sec	Faster one-off prints and copies
Multi Page (A4/A3)	25/TBA cpm	24/12 cpm	4% more productive ★
Duty Cycle	30,000 impressions	90,000 impressions	
Paper Supply			
Stations (std/max)	2/5	1/3	Hold A3 and A4 stock online
Capacity (std/max)	600/1600 sheets	250/600 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	64 to 80 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Opt ADF	
Capacity (spd/cap)	TBA opm/50 orig	16 opm/100 orig	Speeds scanning process
Duplex	Standard	None	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 100/50 to 163 gsm	
Facsimile			
Modem Speed	Not Applicable	Not applicable	
Multiple Lines	Not Applicable	Not applicable	
Broadcast (Grps/Dest)	Not Applicable	Not applicable	
Speed Dial	Not Applicable		
Scanner			
Speed (col/mon)	6/17.5 ipm	NA/20 ipm (mono only)	
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	No	
FTP	Not Applicable	No	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	GDI	Simple icon-based GDI print driver
Interface (std/opt)	Ethernet / USB	None	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	ADF	
	ARDF	Paper drawer 250 sheets	
	ADF handle	Desk	
	Paper feed 250 sheets	Heater	
	Paper feed 2 x 250 sheets	Pocket for manual	
	Cabinet	64MB memory	
	Network interface		

Model	Ricoh Aficio MP 2001L	Xerox WorkCentre 5020	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	No	No	
Scanner	Std (colour)	Std (mono)	Scan and share colour documents ★
Physical			
Dimensions (HxWxD)	431 x 587 x 568 mm	528 x 595 x 532 mm	
Weight	37 kg	33 kg	
Memory (std/max)	128MB RAM/128MB RAM	128MB RAM/128MB RAM	
Control panel	Keypad & 4 line LCD	Keypad	Easier to use
Performance			
Warm-up Time	10 sec	27 sec	Reduced waiting time ★
First Page	6.5 sec	7.5 sec	Faster one-off prints and copies ★
Multi Page (A4/A3)	20/TBA cpm	20/10 cpm	
Duty Cycle	30,000 impressions	25,000 impressions	Handle larger peak volumes
Paper Supply			
Stations (std/max)	2/4	1/3	Hold A3 and A4 stock online
Capacity (std/max)	350/1350 sheets	250/800 sheets	Fewer breaks for replenishment
Paper Weights (tray)	60 to 90 gsm	60 to 90 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents
Document Handling			
Document Feed	Opt ARDF	Std RADF	
Capacity (spd/cap)	TBA opm/50 orig	16 opm/50 orig	Speeds scanning process
Duplex	Standard	Standard	Printing double-sided saves paper ★
Bypass (cap/wght)	Std 100/60 to 162 gsm	Std 50/60 to 110 gsm	Bypass holds twice as much paper
Facsimile			
Modem Speed	Not Applicable	Not applicable	
Multiple Lines	Not Applicable	Not applicable	
Broadcast (Grps/Dest)	Not Applicable	Not applicable	
Speed Dial	Not Applicable	Not applicable	
Scanner			
Speed (col/mon)	6/17.5 ipm	NA/3 ipm (mono only)	Much faster scanning facility ★
TWAIN Compatible	Yes	Yes	
LDAP Support	No	No	
Scan-to			
E-mail	Not Applicable	No	
FTP	Not Applicable	No	
HDD	Not Applicable	No	
URL	Not Applicable	No	
Printer			
Processor	220MHz	No Information	
PDL (std/opt)	GDI	PCL	
Interface (std/opt)	Ethernet / USB	Ethernet / Wireless	
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	Second tray	
	ARDF	Cabinet	
	ADF handle	Wireless adapter	
	Paper feed 250 sheets	Scan to PC software	
	Paper feed 2 x 250 sheets		
	Cabinet		
	Network interface		

Model	Ricoh Aficio MP 2501SP	Xerox WorkCentre 5325	Advantages
Functionality			
Copier	Std	Std	
Printer	Std	Std	
Fax	Opt	Opt	
Scanner	Std (colour)	Std (colour)	
Physical			
Dimensions (HxWxD)	558 x 587 x 568 mm	1115 x 597 x 637 mm	Compact design saves space ★
Weight	43 kg	100 kg	
Memory (std/max)	1GB RAM/1GB RAM 250GB HDD	1GB, 160GB HD/2GB, 160GB HD	
Control panel	Colour touch screen	Keypad and col touch screen	
Performance			
Warm-up Time	20 sec	40 sec	Reduced waiting time ★
First Page	6 sec	4.2 sec	
Multi Page (A4/A3)	25/TBA cpm	25/14 cpm	
Duty Cycle	30,000 impressions	100,000 impressions	
Paper Supply			
Stations (std/max)	2/5	2/5	
Capacity (std/max)	600/1600 sheets	1040/5090 sheets	
Paper Weights (tray)	60 to 105 gsm	60 to 215 gsm	
Output Size (min/max)	A6/A3	A5/A3	Print banking stubs and other small documents ★
Document Handling			
Document Feed	Opt RADF	Std RADF	
Capacity (spd/cap)	TBA opm/100 orig	55 opm/110 orig	
Duplex	Standard	Standard	
Bypass (cap/wght)	Std 100/52 to 162 gsm	Std 50/60 to 215 gsm	
Facsimile			
Modem Speed	33.6 Kbps	33.6 Kbps	
Multiple Lines	No	Opt	
Broadcast (Grps/Dest)	100/500	50/20	Quickly send document to multiple recipients ★
Speed Dial	1000 std/2000 max	-	Speeds fax transmission process
Scanner			
Speed (col/mon)	50/50 ipm (200dpi)	55/55 ipm	
TWAIN Compatible	Yes	Yes	
LDAP Support	Yes	Yes	
Scan-to			
E-mail	Yes	Yes	
FTP	Yes	Yes	
HDD	Yes (requires HDD)	Yes	
URL	Yes	Yes	
Printer			
Processor	533MHz	667MHz	
PDL (std/opt)	PCL / PS3	PCL / PS4	
Interface (std/opt)	Ethernet / W'less, B'tooth, Parallel	None / Ethernet, Wireless	Shared network ready resource ★
Resolution	600 x 600 dpi	600 x 600 dpi	
Options	Platen cover	Envelope feeder	
	ARDF	2000 sheet HCT	
	ADF handle	Office finisher	
	Paper feed 250 sheets	Bookletmaker for finisher	
	Paper feed 2 x 250 sheets	Punch 2/4 hole	
	Cabinet	Convenience stapler	
	1 bin tray	Fax single line	
	Fax	Fax three line	
	Fax stamp	Fax server	
	Remote fax	Fax voice over IP	
	PostScript 3	PDF OCR kit	
	Wireless interface	Printer/scanner upgrade	
	Parallel interface	Network scanning	
	Bluetooth interface	Thumbnail print preview	
	SD card for Netware	Wireless adapter	
	Unicode fonts package	PostScript 3	
	250GB HDD	Card reader	
	VM card	Foreign device interface	
	Browser	Network accounting	
	File format converter	Scan to PC software	

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